

RECORD OF PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1968 to June 30, 1969

1968 – 1969

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
JOHN W. BRICKER, Columbus ¹	May 14, 1962	May 13, 1969
BERTRAM D. THOMAS, Santa Barbara ²	October 13, 1965	May 13, 1970
JACK G. GIBBS, Columbus ³	May 5, 1969	May 13, 1970
JOHN G. KETTERER, Canton	October 18, 1963	May 13, 1971
FREDERICK E. JONES, Columbus	October 18, 1963	May 13, 1972
MERVIN B. FRANCE, Cleveland ⁴	September 16, 1964	May 13, 1973
FREDERICK R. ECKLEY, Cleveland ⁵	May 5, 1969	May 13, 1973
JAMES W. SHOCKNESSY, Columbus	August 2, 1965	May 13, 1974
DON M. HILLIKER, Bellefontaine	January 15, 1967	May 13, 1975
WILLIAM C. SAFFORD, Cincinnati	May 14, 1967	May 13, 1976
JOHN H. DUNLAP, Williamsport	May 14, 1968	May 13, 1977

OFFICERS

JOHN W. BRICKER, *Chairman*
BERTRAM D. THOMAS, *Vice Chairman*
JOHN T. MOUNT, *Secretary*
EDWARD Q. MOULTON, *Secretary*⁶
GORDON B. CARSON, *Treasurer*

¹ Served two previous terms (1948-1962).

² Appointed to fill unexpired term of Carlton S. Dargusch; resigned October 11, 1965. Dr. Thomas resigned April 8, 1969.

³ Appointed to fill unexpired term of Bertram D. Thomas, beginning April 9, 1969, with appointee taking office May 5, 1969.

⁴ Resigned April 4, 1969.

⁵ Appointed to fill unexpired term of Mervin B. France, beginning April 5, 1969, with appointee taking office May 5, 1969.

⁶ Elected effective November 1, 1968 to replace John T. Mount, resigned.

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 11, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, July 11, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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July 11, 1968 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Recommendations on Possession and Consumption of Alcoholic Beverages

President Fawcett presented the following statement and recommendations regarding the possession and consumption of alcoholic beverages:

From time to time during recent years, students on this campus have raised questions about the possession and consumption of 3.2 beer in fraternity houses and residence halls and about the dispensing of 3.2 beer in the Ohio Union. Also members of the Faculty Club have repeatedly expressed a desire to have the privilege of being served alcoholic beverages after 5:00 p. m. on week days in the Faculty Club.

During the 1967-68 academic year, formal proposals to permit such possession and consumption have been submitted through the appropriate channels to my office for review and for possible submission to the Board of Trustees. Copies of these proposals have been transmitted to members of the Board for study as they became available and the last proposal, which was developed by our Campus Residence Hall Associations, reached my office early in June. After all proposals were in my hands, I attempted to analyze them as judiciously as I could with the thought in mind of making what I consider to be an appropriate recommendation to this Board.

Regardless of my personal views on this matter (alcoholic beverages are not and will not be served in the President's House), I have a responsibility to respond as thoughtfully and as appropriately as I can and to do so in accordance with what appears to be the most appropriate direction in which this institution might move at this point in time.

First of all, I want to commend the organized student groups that have considered this matter in substantial depth and have developed thoughtful documents in support of their views. A few observations would appear to me to be in order.

The proposal from the fraternity system was considered by the respective units through a local option vote for which there was not unanimous support.

The proposal from the Campus Residence Hall Associations was voted upon by only 49% of the occupants and with only about two-thirds of those voting favoring the right to possess and consume 3.2 beer in the dormitories.

July 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Recommendations on Possession and Consumption of Alcoholic Beverages (continued)

Both proposals argue the point strongly that, by giving students a right to make their own decisions on this matter, a significant contribution to effective self government would be made. Both proposals ignore the fact that students are assigned to living quarters which means that the institution would introduce into the atmosphere of a single living unit a problem on which there can be an honest difference of opinion among students and their parents. It is true that most of our students are eighteen years of age or older and, under the laws of the State of Ohio, have a right to consume 3.2 beer if they choose to do so. It is not right, in my view, to force a student to live in a setting where the use of 3.2 beer is permitted and which might be repugnant for a variety of reasons to other occupants who must reside there.

The proposal to permit the serving of 3.2 beer in the Ohio Union was supported unanimously by the voting members of the Ohio Union Council who were present when the matter was considered. The Ohio Union Council is made up of students, faculty, alumni and administrators. The sale and distribution of 3.2 beer in the Ohio Union would be limited to restricted areas. Any student enrolled at The Ohio State University, if he chooses to do so, could go to the Ohio Union, buy and consume 3.2 beer in accordance with the requirements of the proposal or he could stay away from that environment if he chooses to do so. In terms of today's social standards, I am unable to find a valid reason for opposing this proposal.

Concerning the proposal to serve alcoholic beverages in the Faculty Club after 5:00 p. m. on week days, I find that considerably more than half of the membership expressed a view through a preference poll of voting members and that three-fourths of those responding favor the proposal. The atmosphere of the Faculty Club in the evenings is little different from the atmosphere of other fine clubs in this community and in others. Membership is limited to members of the faculty and other adults in the community who have met the qualifications for membership over the years and who have been voted into membership by the club members themselves. The people who frequent the Club do so by choice, and I can find no valid reason for imposing a double standard on members of the faculty during the evening hours simply because the Faculty Club happens to be located on the campus. I have, therefore, decided to support this proposal as I would expect to support a similar proposal for the Center for Tomorrow when it opens.

July 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Recommendations on Possession and Consumption of Alcoholic Beverages (continued)

I, therefore, make the following recommendations:

- (1) That the proposals from the fraternities and the Campus Residence Hall Associations be denied.
- (2) That the proposal from the Ohio Union to serve 3.2 beer in restricted areas on the premises be approved.
- (3) That the proposal from the Faculty Club to serve alcoholic beverages after 5:00 p.m. on week days be approved.

Upon the suggestion of the Chairman, Mr. Bricker, each of the above recommendations were voted upon individually and the actions taken were as follows:

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the Board of Trustees by unanimous roll call vote approved the President's recommendation that the proposals from the fraternities and the Campus Residence Hall Associations relating to the possession and consumption of 3.2 beer be denied.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees by a vote of five to three, with Messrs. Bricker, Ketterer, France, Shocknessy and Dunlap voting affirmatively and Messrs. Jones, Hilliker and Safford voting negatively, approved the President's recommendation that the proposal from the Ohio Union Council to serve 3.2 beer in restricted areas on the premises of the Ohio Union be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the Board of Trustees by a vote of six to two, with Messrs. Bricker, Ketterer, Jones, France, Shocknessy and Dunlap voting affirmatively and Messrs. Hilliker and Safford voting negatively, approved the President's recommendation that the proposal from the Board of Directors of the Faculty Club to serve alcoholic beverages after 5:00 p.m. on week days be approved.

B. Amendments to Rules for the University Faculty
(31.07, 31.0701, 31.0705, 35.07, 37.09, 49.03)

The Faculty Council on June 4, 1968, approved the following changes in the Rules for the University Faculty.

President Fawcett recommended therefore that the following Rules for the University Faculty be amended as recorded in Appendix I, page 43, of the minutes of this meeting:

July 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Amendments to Rules for the University Faculty
(31.07, 31.0701, 31.0705, 35.07, 37.09, 49.03) (continued)

- (1) Rule 31.0701 in item "a" the words National Defense Studies be added before the alternatives listed to meet that requirement.
- (2) Rules pertaining to marks given for work completed in University courses be modified to include "PA/NP--Pass/Non-Pass" in all references to marks in Rules 31.0705, 35.07, 37.09 and 49.03.

Upon motion of Mr. Ketterer, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was instructed to make said revisions in the Rules for the University Faculty.

C. Policy Governing Residency Status of Students
Enrolled on Branch Campuses

On June 8, 1967, the Board of Trustees adopted a revised policy governing the residency status of students enrolled at The Ohio State University to comply with the section of the Ohio Board of Regents Rule No. 2, which section defines the residency status of students enrolled on the branch campuses and in academic centers of state-assisted institutions. The Ohio Board of Regents at the June 21, 1968 meeting amended the above-referred-to Rule to provide immediate residency status to adult students and to minor students whose parents establish residence and are gainfully employed in the State of Ohio. The Rule as previously stated required the student to reside in the State of Ohio for a minimum of twelve consecutive months preceding date of enrollment in branch campus or academic center programs to be considered an Ohio resident.

Therefore, for the purpose of clarification and consistency, President Fawcett recommended that the policies governing residency status for students enrolled in branch campuses and academic centers of The Ohio State University, as adopted on June 8, 1967, be revised to concur in principle with those adopted by the Ohio Board of Regents.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous roll call vote.

D. Degrees and Certificates Conferred--Summer Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on August 30, 1968, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix II, page 47.)

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

July 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Naming of Physics Building

The Cabinet has proposed, in consultation with the Professor and Chairman of the Department of Physics and the Acting Dean of the College of Mathematics and Physical Sciences, that the Physics Laboratory Building, located at 174 West 18th Avenue, be named the "A. W. Smith Laboratory of Physics," in memory of the late Dean Emeritus Alpheus W. Smith. Dr. Smith served as Chairman of the Department of Physics and Astronomy from 1926 to 1946, in addition to carrying responsibility as Dean of the Graduate School for the period 1938-1946. After his retirement, he served as President of The Ohio State University Research Foundation from 1946 to 1957. Upon his retirement, a citation as recorded in the Board of Trustees' minutes reads as follows: "Dean Smith's statesmanship has brought the Graduate School to a position of national and international recognition."

President Fawcett recommended therefore that in accordance with the Bylaws of the Board of Trustees that the above-referred-to building be officially named the "A. W. Smith Laboratory of Physics."

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

In presenting the recommendations for changes in personnel, President Fawcett addressed himself to the importance of achieving some realignment of personnel within the central administrative structure of the University. He stated that as the University continues to grow, the magnitude of administrative responsibility that must be assumed by the central staff increases. He added that it has been his policy to re-examine the administrative structure from time to time and to recommend such modifications as are required to effect efficiency in the management of the administrative concerns of the officers of the University.

The President then made the following statement:

Because of the rapid growth of The Ohio State University and the changes that are taking place constantly in the field of higher education, I wish to propose that certain changes in the structure of the central administrative staff and certain changes in the assignment of personnel be approved. These changes are designed to enable the University to respond more effectively to the particular demands now being placed upon it and to deploy the personnel in an effort to draw upon the greatest strengths of our people. I, therefore, recommend:

July 11, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

That there be established the new position of Vice President for University Development, effective September 1, 1968, or as soon thereafter as the position can be filled.

That the title of John T. Mount, Vice President for Educational Services, Secretary of the Board of Control of the Ohio Agricultural Research and Development Center and Secretary of the Board of Trustees, be changed to Vice President for Student Affairs, effective August 1, 1968, at an annual rate of \$29,568.00.

That Dr. John T. Bonner, Jr., Executive Dean for Student Relations, be named to the position of Vice President for Educational Services, effective August 1, 1968, at an annual salary rate of \$25,488.00.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the recommendation to establish the position of Vice President for University Development, the appointment of John T. Mount as Vice President for Student Affairs and the appointment of John T. Bonner, Jr. as Vice President for Educational Services were approved by unanimous roll call vote, and that these redefined administrative functions of the Office of University Development, the Office of Educational Services and the Office of Student Affairs be incorporated in the Rules for the University Faculty and By-Laws of the Board of Trustees and be reflected in the next editorial revision of those documents.

In addition to the foregoing personnel recommendations, President Fawcett recommended that all personnel changes since the June 13, 1968 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following additional faculty Appointments, Promotions, Leaves of Absence Without Salary and Emeritus Title:

A. Appointments

Lois Ann Lund, Associate Dean of the College of Agriculture and Home Economics and Professor in and Director of the School of Home Economics, and Professor in the Cooperative Extension Service, effective January 1, 1969, at a salary of \$19,140.00 per annum for 85 per cent of full time. Dr. Lund will hold the academic rank of Professor in the Department of Home Economics at the Ohio Agricultural Research and Development Center for 15 per cent of full time.

Richard L. Cameron, Assistant Dean of the University College, effective August 5, 1968, at a salary of \$14,208.00 per annum.

July 11, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions

Leon M. Dorfman promoted from Professor to Professor and Chairman of the Department of Chemistry, effective July 1, 1968, and with a salary of \$25,368.00 per annum, effective October 1, 1968.

Reed M. Powell promoted from Professor in the Department of Business Organization to Assistant Dean and Director of the Division of Research in the College of Administrative Science, effective July 1, 1968, and with a salary of \$19,728.00 per annum, effective October 1, 1968. Dr. Powell will continue to hold the academic rank of Professor in the Department of Business Organization at No Salary.

Robert G. Turnbull promoted from Professor to Professor and Chairman of the Department of Philosophy, effective October 1, 1968, at a salary of \$21,168.00 per annum.

C. Leaves of Absence Without Salary

John F. Cuber, Professor, Department of Sociology, effective July 1, 1968 through September 30, 1968, to engage in research and writing.

Paul E. Fertig, Professor, Department of Accounting, effective October 1, 1968 through September 30, 1969, to accept a Visiting Professorship at the University of Michigan.

Dan McLachlan, Jr., Professor, Department of Mineralogy, effective July 1, 1968 through July 31, 1968, to be a Visiting Professor at Washington State University, Pullman, Washington.

Robert J. Nordstrom, Professor, College of Law, effective October 1, 1968 through September 30, 1969, to serve as a Visiting Professor at Duke University.

John C. Rule, Professor, Department of History, effective October 1, 1968 through December 31, 1968, to pursue research under a grant by the Folger Library in Washington, D. C.

Dale W. Adams, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective August 1, 1968 through June 30, 1969, to work as a Staff Economist in the Office of Program and Policy Coordination, AID/State Department, Washington, D. C.

Bradford W. Wild, Associate Professor, College of Optometry, effective July 1, 1968 through September 30, 1968, to write a book.

July 11, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Barbara Jane Clancy, Assistant Professor, School of Nursing, effective July 10, 1968 through September 22, 1968, for personal reasons.

Wilford Thomas Crump, Assistant Professor, College of Dentistry, effective October 1, 1968 through September 30, 1969, for personal reasons.

John T. Demos, Assistant Professor, University Libraries, effective July 1, 1968 through July 31, 1968, to study for the Ph. D. degree.

William K. Latshaw, Assistant Professor, Department of Veterinary Anatomy, effective July 1, 1968 through June 30, 1969, to accept a Visiting Professorship at the University of Saskatchewan.

Sandra Jane Sorensen, Assistant Professor, School of Nursing, effective July 10, 1968 through September 22, 1968, for personal reasons.

Martha E. Welch, Assistant Professor, Department of Anatomy, effective July 1, 1968 through June 30, 1969, to accept a traveling professorship for the coming year.

Arthur I. Bell, Instructor (County Extension Agent, 4-H) Pickaway County, Cooperative Extension Service, effective July 1, 1968. (Military Leave)

Judith Ann Floyd, Instructor, School of Nursing, effective July 10, 1968 through September 22, 1968, for personal reasons.

Judith Ann Stickney, Instructor, School of Nursing, effective July 10, 1968 through September 22, 1968, for personal reasons.

Alice P. Wiren, Instructor, University Libraries, effective July 1, 1968 through August 31, 1968, to participate in a program of professional improvement.

D. Emeritus Title

Henry M. Moser, Department of Speech, with the title Professor Emeritus, effective July 1, 1968.

Upon motion of Mr. Ketterer, seconded by Mr. France, the Appointments, Promotions, Leaves of Absence Without Salary, Emeritus Title and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Psychotropic Drugs and Phenotypical Behaviors (to be known as National Institute of Mental Health Project No. 1653-D - Ext. #4 - College of Pharmacy).
Gross Value - \$17,467.00.
- a2. U. S. Atomic Energy Commission, Argonne, Illinois, A Study of the Mechanism of Stress Corrosion Cracking in the Iron-Nickel-Chromium Alloy System (to be known as U. S. Atomic Energy Commission Project No. 1673-A - Mod. #5 - Department of Metallurgical Engineering).
Gross Value - \$16,000.00.
- a3. Department of Health, Education and Welfare, Public Health Service, General Research Support Branch, Division of Research Facilities and Resources, Bethesda, Maryland, General Research Support Grant (to be known as Division of Research Facilities and Resources Project No. 1775-D - Sup. #5 - College of Dentistry).
Gross Value - \$51,697.00.
- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Inherited Caries Resistance in Gnotobiotic Animals (to be known as National Institutes of Health Project No. 1843-D - Ext. #4 - College of Dentistry).
Gross Value - \$24,864.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anticancer Substances from Plants (to be known as National Institutes of Health Project No. 1967-C - Ext. #3 - College of Pharmacy).
Gross Value - \$26,922.00.
- a6. U. S. Atomic Energy Commission, Argonne, Illinois, High Energy Physics Studies (to be known as U. S. Atomic Energy Commission Project No. 2116 - Mod. #3 - Department of Physics).
Gross Value - \$20,000.00.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a7. National Science Foundation, Washington, D. C., Schiff Bases: Their Metal Complexes and Role in Non-Enzymatic Transamination (to be known as National Science Foundation Project No. 2145 - Amend. #2 - Department of Chemistry).
Gross Value - \$36,000.00.
- a8. Agency for International Development, Washington, D. C., Technical Assistance to the Government of Ecuador in Human Resource Development and Planning (to be known as Agency for International Development Project No. 2158 - Amend. #12 - Department of Economics).
Gross Value - \$23,500.00.
- a9. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Treated and Untreated Potential Delinquents - Follow Up (to be known as National Institute of Mental Health Project No. 2225-B - Ext. #2 - Department of Sociology).
Gross Value - \$34,788.00.
- a10. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 2390 - Sup. #2 - College of Pharmacy).
Gross Value - \$39,685.00.
- a11. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, 4N Nitrogen Heterocycles (to be known as National Institutes of Health Project No. 2393-A - Ext. #1 - Department of Chemistry).
Gross Value - \$24,471.00.
- a12. National Aeronautics and Space Administration, Manned Spacecraft Center, General Research Procurement Branch, Houston, Texas, Research on Effect of in vivo 100% Oxygen on Red Cells (to be known as National Aeronautics and Space Administration Project No. 2432 - Mod. #2 - Department of Medicine).
Gross Value - \$20,000.00.
- a13. Department of Health, Education and Welfare, Public Health Service, Bureau of Health Services, Division of Community Health Services and Medical Care Administration, Arlington, Virginia, Self Medication and Community Health (to be known as Division of Community Health Services and Medical Care Administration Project No. 2448 - Sup. #1 - College of Pharmacy).
Gross Value - \$12,922.00.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ohio Medlars Center (to be known as National Institutes of Health Project No. 2487 - Mod. #1 - Department of Medicine).
Gross Value - \$105,397.00.
- a15. U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. , Pilot Scale Study of Acid Mine Drainage (to be known as Federal Water Pollution Control Administration Project No. 2504 - Mod. #3 - Departments of Chemical Engineering and Civil Engineering).
Gross Value - \$39,000.00.
- a16. Federal Aviation Administration, Oklahoma City, Oklahoma, Research Study on Piloting Performance in Light Aircraft (to be known as Federal Aviation Administration Project No. 2626 - New - Department of Preventive Medicine).
Gross Value - \$26,582.00.
- a17. National Science Foundation, Washington, D. C. , Purchase of an Automated X-Ray Diffractometer (to be known as National Science Foundation Project No. 2627 - New - Department of Chemistry).
Gross Value - \$80,000.00.
- a18. National Science Foundation, Washington, D. C. , Statistical Mechanics (to be known as National Science Foundation Project No. 2628 - New - Department of Physics).
Gross Value - \$21,000.00.
- a19. National Science Foundation, Washington, D. C. , Chlorosulfonyl Isocyanate to the Preparation of Unusual Nitrogen Heterocycles (to be known as National Science Foundation Project No. 2629 - New - Department of Chemistry).
Gross Value - \$66,300.00.
- a20. Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Provide for the Adjustment of World-Wide Gravity Measurements Into a Homogenous First Order Net and Uniform Calibration Standard (to be known as Air Force Systems Command Project No. 2630 - New - Department of Geodetic Science).
Gross Value - \$20,000.00.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a21. National Science Foundation, Washington, D. C. , Glaciology and Meteorology of Anvers Island, Antarctica (to be known as National Science Foundation Project No. 2631 - New - Institute of Polar Studies).
Gross Value - \$20,300.00.
- a22. National Science Foundation, Washington, D. C. , Geology of the Beardmore Glacier Area, Antarctica (to be known as National Science Foundation Project No. 2632 - New - Institute of Polar Studies).
Gross Value - \$16,900.00.
- a23. National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Huntsville, Alabama, Preparation of Pigments for Space-Stable Thermal Control Coatings (to be known as National Aeronautics and Space Administration Project No. 2633 - New - Department of Ceramic Engineering).
Gross Value - \$20,075.00.
- a24. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C. , Early Diagnosis of Infectious Diseases (to be known as U. S. Army Medical Research and Development Command Project No. 2634 - New - Department of Medicine).
Gross Value - \$33,507.00.
- a25. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Human Performance Processes (to be known as Air Force Systems Command Project No. 2639 - New - Department of Psychology).
Gross Value - \$24,000.00.
- a26. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Studies in Experimental Atherosclerosis (to be known as National Institutes of Health Project No. 2642 - New - Department of Pathology).
Gross Value - \$36,857.00.
- a27. National Science Foundation, Washington, D. C. , Problems Concerning the Lenz-Barlotti Classification of Projective Planes (to be known as National Science Foundation Project No. 2644 - New - Department of Mathematics).
Gross Value - \$4,000.00.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a28. National Science Foundation, Washington, D. C., Spin Wave Resonance in Thin Ferromagnetic Films (to be known as National Science Foundation Project No. 2646 - New - Department of Physics).
Gross Value - \$50,000.00.
- a29. National Science Foundation, Washington, D. C., Carbenic Processes: Diazo Compounds and Related Intermediates (to be known as National Science Foundation Project No. 2649 - New - Department of Chemistry).
Gross Value - \$75,000.00.
- a30. National Science Foundation, Washington, D. C., Collaborative Research on Trade and American Economic Development (to be known as National Science Foundation Project No. 2651 - New - Department of Economics).
Gross Value - \$20,900.00.
- a31. National Science Foundation, Washington, D. C., Pedology of Trinity Peninsula and Offshore Islands (to be known as National Science Foundation Project No. 2652 - New - Institute of Polar Studies).
Gross Value - \$17,700.00.
- a32. National Science Foundation, Washington, D. C., Class Number Relations in Fields of Algebraic Functions (to be known as National Science Foundation Project No. 2653 - New - Department of Mathematics).
Gross Value - \$5,300.00.
- a33. National Science Foundation, Washington, D. C., On the Total Curvature of C^1 Immersed Manifolds (to be known as National Science Foundation Project No. 2654 - New - Department of Mathematics).
Gross Value - \$4,900.00.

TOTAL - Government Contracts - Federal \$1,036,034.00

2. Government Contract - State

- a1. State of Ohio, Department of Education, Columbus, Ohio, Statistical Analysis for the Ohio Department of Education (to be known as State of Ohio, Department of Education Project No. 2643 - New - Department of Accounting).
Gross Value - \$228.10.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Industrial and Other Contracts

- a1. Procter & Gamble Co. , Cincinnati, Ohio, Study of Dental Caries (to be known as Procter & Gamble Co. Project No. 2065 - Ext. #3 - College of Dentistry).
Gross Value - \$41,864.00.
- a2. Procter & Gamble Co. , Cincinnati, Ohio, Study of Dental Calculus (to be known as Procter & Gamble Co. Project No. 2070 - Ext. #3 - College of Dentistry).
Gross Value - \$25,031.00.
- a3. University of Kansas, Engineering Science Division, Center for Research, Inc. , Lawrence, Kansas, Investigation of Antenna Array Organization for Large Receiving Arrays (to be known as University of Kansas Project No. 2552 - Ed. #3 - Department of Electrical Engineering).
Gross Value - \$4,800.00.
- a4. American Iron and Steel Institute, New York, New York, Thermo-, dynamics of Iron Alloys (to be known as American Iron and Steel Institute Project No. 2636 - New - Department of Metallurgical Engineering).
Gross Value - \$23,400.00.
- a5. Milheim Foundation, The Colorado National Bank, Denver, Colorado, Subcellular Localization of Labeled Carcinogenic Hydrocarbons on the Skin of Hairless Mice (to be known as Milheim Foundation Project No. 2637 - New - Department of Medicine).
Gross Value - \$12,511.00.
- a6. Hynite Corporation, Oak Creek, Wisconsin, Hydrolyzed Leather Meal Feeding to Broilers (to be known as Hynite Corporation Project No. 2640 - New - Department of Poultry Science).
Gross Value - \$2,400.00.
- a7. Price Waterhouse & Co. , New York, New York, Accelerated Depreciation and Tax Allocation: The Effects of Various Asset Expenditure Patterns (to be known as Price Waterhouse & Co. Project No. 2641 - New - Department of Accounting).
Gross Value - \$7,342.00.

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Industrial and Other Contracts (continued)

- a8. Illinois Institute of Technology Research Institute, Chicago, Illinois, Dynamic Differential Thermal Analysis Spectra (DDTA) on Pigment Specimens (to be known as Illinois Institute of Technology Research Institute Project No. 2647 - New - Department of Ceramic Engineering).
Gross Value - \$1,000.00.
- a9. Massachusetts Institute of Technology, Lincoln Laboratory, Lexington, Massachusetts, Investigation of Modified Dipoles (to be known as Massachusetts Institute of Technology Project No. 2648 - New - Department of Electrical Engineering).
Gross Value - \$26,871.00.
- a10. American Heart Association, New York, New York, Action of Antimycin A on Heart Respiratory Function (to be known as American Heart Association Project No. 2650 - New - Department of Physiological Chemistry).
Gross Value - \$13,200.00.

TOTAL - Industrial and Other Contracts \$158,419.00

The foregoing forty-four contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,194,681.10.

Upon motion of Mr. France, seconded by Mr. Hilliker, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous roll call vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from May 28, 1968 through June 25, 1968, the Engineering Experiment Station of The Ohio State University entered into the following research agreements. These research contracts were reported to the Board of Trustees for information and record:

1. Government Research Contracts

- | | |
|----------|---|
| EES 208 | Development of Instrumentation to Measure Pavement |
| Ext. #11 | Thickness, Ohio Department of Highways, Columbus, Ohio. |
| | Gross Value - \$32,760.00. |
| EES 298 | Statistical Analysis of Aggregate Size Distribution, Ohio |
| Ext. #2 | Department of Highways, Columbus, Ohio. |
| | Gross Value - \$39,420.00. |

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

1. Government Research Contracts (continued)

- | | |
|---------|--|
| EES 314 | A Study of Soil-Structure Interaction to Reinforced Concrete Culvert Pipes, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$15,000.00. |
| EES 315 | Development of a Methodology for Evaluating Road Signs, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$76,500.00. |
| SC 76 | A Short Course on Traffic Engineering Studies for Safety Improvements, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$2,100.00. |

TOTAL - Government Research Contracts \$165,780.00

2. Industrial Research Contracts

- | | |
|---------|---|
| EES 313 | A Study of Frost Removal from Extended Heat Exchangers, Edison Electric Institute, New York, New York.
Gross Value - \$44,408.00. |
| EES 316 | Study of Fluid Flow and Force Generation With a Flashing Fluid, National Board of Boiler and Pressure Vessel Inspectors, Columbus, Ohio.
Gross Value - \$4,159.00. |
| SC 74 | OCD Architects and Engineers, Professional Development Courses, Fall, 1968, National Society of Professional Engineers, Washington, D. C.
Gross Value - \$14,674.00. |

TOTAL - Industrial Research Contracts \$63,241.00

The foregoing eight contracts for research in the Engineering Experiment Station represent a gross income of \$229,021.00.

C. Memorandum of Agreement Between The Ohio State University
and the Department of Mental Hygiene and Correction

In the interest of furthering public education in Ohio through the use of plays published by the American Theatre Wing, the Family Service Association of America and the Human Relations Aids, President Fawcett recommended that The Ohio State University and the Department of Mental Hygiene and Correction enter into an agreement whereby the Division of Theatre of the

July 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Memorandum of Agreement Between The Ohio State University and the Department of Mental Hygiene and Correction (continued)

College of the Arts will provide supervisory services through the employment of a person to be in charge of the project and the Division of Mental Hygiene and Correction will provide funds to cover all costs of such services.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the Board of Trustees by unanimous roll call vote authorized the President to sign on behalf of the University the agreement referred to above.

D. Agreement Between the Division of Vocational Education of the State Department of Education and The Ohio State University

President Fawcett recommended that the agreements between The Ohio State University and the State Department of Education, Division of Vocational Education, be continued for the fiscal year 1968-69, and that the contracts for teacher-training and special services in the following areas be approved:

Vocational Home Economics
Vocational Agriculture
Trade and Industrial Education
Distributive Education
Business and Office Education
Guidance Services

It was recommended further that the President of the University and the Secretary of the Board of Trustees be authorized to sign the agreements on behalf of the University.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendations were approved by unanimous roll call vote.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since June 13, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$1,791,920.00 granted by Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Division of Physician Manpower, Arlington, Virginia 22203, to the University for support of the Allied Health Training Center, under the direction of the College of Medicine. (Grant No. 1 J07-PM-AH-00441-01)

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

2. \$200,000.00 granted by Department of State, Agency for International Development, Washington, D. C. 20523, to the University for the project "Soil Fertility - Plant-Water Relationships in India," under the direction of the Department of Agronomy, for five years. (Grant AID/csd-1928)
3. \$153,884.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of the College Library Resources Program, under the direction of the University Libraries, for the period June 17, 1968 through June 30, 1969. This grant is made under Title II-A, Higher Education Act of 1965. (Grant No. OEG-0-8-045039-0430)
4. \$117,680.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Administration of Institutional Grants for Science." (GU-3008)
5. \$98,515.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for the project "Occupational Health," under the direction of the Department of Preventive Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 UI 01038-06)
6. \$84,043.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the "School of Extracorporeal Circulation Specialists," under the direction of the Department of Surgery, for the period July 1, 1968 through June 30, 1969. (Grant No. AHP 7-4B-68)
7. \$81,570.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for an "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1968 through June 30, 1969. (Grant No. AHT-69-010)
8. \$80,671.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for the project "Medical Cardiology Training Grant," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 HE05546-08)
9. \$78,050.00 granted by Department of Health, Education and Welfare, Public Health Service, 800 North Quincy Street, Arlington, Virginia, to the University for "Health Professions Educational Improvement Program," under the direction of the College of Optometry, for the period July 1, 1968 through June 30, 1969. (Grant No. 1 T02 ME 1165-01)

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

10. \$69,995.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurology - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 NB05585-02)
11. \$59,702.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Instructional Equipment Grants Program." This grant is made under Part A, Title VI, Higher Education Act of 1965. (Project No. 03-074027)
12. \$55,443.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the construction of University College Building No. 1. This grant is made under Title I, Higher Education Facilities Act, 1963. (Project No. 4-5-00403-0)
13. \$44,013.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Design Implementation and Evaluation of a Curriculum Leading to the Bachelor of Science in Nursing Degree," under the direction of the School of Nursing, for the period August 1, 1968 through July 31, 1969. (Grant No. NPG-319-01)
14. \$40,232.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Social Work," under the direction of the School of Social Work, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 MH06530-12)
15. \$34,293.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for the "Development of Graduate Curriculum in Health Planning," under the direction of the Department of Preventive Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 55503-01-68)
16. \$26,500.00 granted by Public Administration Service, Chicago, Illinois, to the University for the "Study and Design of an Agriculture Credit Scheme for the Muda and Kemubu Irrigation Projects for Malaysia."
17. \$24,732.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Pharmaceutical Science Training for Dental Research," under the direction of the College of Pharmacy, for the period July 1, 1968 through June 30, 1969. (Grant No. 1 T01 DE00203-01)

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

18. \$24,700.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Graduate Training Program in the Sociology of Education and Community," under the direction of the Department of Sociology, for the period June 1, 1968 through September 30, 1969. (Grant No. OEG-0-8-070154-3702)
19. \$20,747.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for a "Multidepartmental Training Grant," under the direction of the Department of Veterinary Physiology and Pharmacology, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 HE05659-04)
20. \$20,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for the Center for Research and Leadership Development in Vocational and Technical Education, under the direction of the Center for Vocational and Technical Education. (Grant No. OEG-3-7-000158-2037)
21. \$14,043.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurological Surgery," under the direction of the Department of Surgery, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 NB05529-03)
22. \$13,800.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for training teachers in the area of Mental Retardation, under the direction of the College of Education, for the period June 1, 1968 through August 31, 1969. (Grant No. OEG-0-8-003161-3161 031 - Revisions Nos. 1 and 2)
23. \$9,818.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for an "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1967 through June 30, 1968. (Grant No. AHT-68-010 A)
24. \$8,538.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Chemistry - Training Grant," under the direction of the Department of Pathology, for the period July 1, 1968 through June 30, 1969. (Grant No. 1 T01 GM01805-01)
25. \$4,420.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Children's Bureau, Washington, D. C. 20201, to the University for a "Child Welfare Training Grant," under the direction of the School of Social Work, for the period June, 1968 through November 30, 1968. (Project No. 68-45-ST)

TOTAL - Administered Through the Office of Business and Finance
\$3,157,309.00

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

1. \$20,000.00 from the Council on Industrial Relations for the Electrical Contracting Industry for the Industrial Technology Scholarship Fund.
2. \$13,500.00 from The Richardson Foundation, Inc., Greensboro, North Carolina, for the Richardson Foundation Fund.
3. \$12,491.89 from the American Medical Association, Chicago, Illinois, for the National Fund for Medical Education.
4. \$11,250.00 from the Estate of Helen C. Kennedy, Xenia, Ohio, for the T. J. Kennedy Family Fund.
5. \$10,000.00 from the Estate of Mrs. Clara L. E. Nordholt, Tiffin, Ohio, for the John B. Nordholt Memorial Scholarship Fund.
6. \$9,500.00 from The Lubrizol Foundation, Cleveland, Ohio--\$4,000.00 for the Lubrizol Foundation Fellowship for Chemistry, \$4,000.00 for the Lubrizol Foundation Fellowship Fund for Chemical Engineering and \$1,500.00 for the Lubrizol Foundation Scholarship Fund.
7. \$8,780.72 from Judge Henry L. Scarlett for the establishment of the Henry L. Scarlett Fund.

Henry L. Scarlett Fund

The Henry L. Scarlett Fund was established July 11, 1968, by the Board of Trustees of The Ohio State University by a gift through The Ohio State University Development Fund from Judge Henry L. Scarlett, B. A. '01, LL. B. '03, Columbus, Ohio.

The principal is to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used for the benefit of the College of Law as recommended by the Dean of said College.

In the event that the College of Law as it now exists shall be altered in any reorganization of University colleges, schools and departments, then the Board of Trustees or successor governing body of the University shall direct the use of the income for purposes within the field of Law as recommended by the appropriate administrative official of the University then directly responsible for legal education at the University.

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

8. \$6,500.00 from Merck, Sharp & Dohme Research Laboratories, West Point, Pennsylvania, for the Merck & Company Research Fund in Thoracic Surgery.
9. \$5,500.00 from University Music Organizations, Columbus, Ohio, for the Music Scholarship Fund.
10. \$5,120.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
11. \$5,100.00 from Mr. Julius F. Solomon, Lima, Ohio, for the Solomon Family Memorial Fund.
12. \$4,355.74 from Dr. William H. Havener for the Ophthalmologic Center Fund.
13. \$4,200.00 from Union Carbide Corporation--\$3,000.00 for the Union Carbide Company Scholarship Fund and \$1,200.00 for the Union Carbide Fellowship - Welding Engineering.
14. \$4,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Eli Lilly and Company Fund for Chemistry.
15. \$3,375.00 from the United Health Foundation, Inc. Research for the United Health Foundation of Central Stark County.
16. \$3,250.00 from Lederle Laboratories for the Schering Corporation Allergy Research Fund.
17. \$3,000.00 from the Columbus Jewish Welfare Foundation (In the name of Mrs. Sara M. Beckman) for the Theodore N. Beckman Fund for Research in Marketing.
18. \$2,000.00 from The East Ohio Gas Company as an unrestricted gift to the University.
19. \$2,000.00 from Clyde G. Conley for the Clyde G. Conley Fund for Engineering.
20. \$2,000.00 from Mrs. Julon Moser for The Ohio State University Scholarship Fund.
21. \$2,000.00 from National Welding Supply Association for the National Welding Supply Association Student Loan Fund in Welding Engineering.
22. \$2,000.00 from the Woodrow Wilson National Fellowship Foundation, 32 Nassau Street, Princeton, New Jersey, for the Woodrow Wilson National Fellowship Foundation Fund.

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

23. \$1,600.00 from Drs. Hollenbeck, Holzaepfel, Williams and Zartman for the Education, Publications and Research Obstetrics Fund.
24. \$1,500.00 from G. D. Searle & Company for the G. D. Searle & Company Research in Medicine Fund.
25. \$1,250.00 from Mrs. Gladys Ford Clark and friends of the late Edgar C. Clark for the establishment of the Edgar C. Clark Memorial Fund.

Edgar C. Clark Memorial Fund

The Edgar C. Clark Memorial Fund was established July 11, 1968, by the Board of Trustees of The Ohio State University through gifts to The Ohio State University Development Fund from Professor Clark's widow, Mrs. Gladys Ford Clark, B.Sc. H. E. '41, and from friends, in tribute to the late Edgar C. Clark, Columbus, Ohio, former professor and member of the faculty in the Department of Engineering Mechanics from 1930 to 1966.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually to provide an award to a student or a faculty member of the College of Engineering. The student or faculty member is to be selected by the Dean of the College of Engineering, following whatever criteria he selects.

Should the need for these awards cease to exist or so diminish as to provide unused income, or should the College of Engineering cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

26. \$1,000.00 from Dr. Howard F. Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
27. \$1,000.00 from Mrs. Howard F. Seely for the Maribelle Seely Baker Memorial Scholarship Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$146,273.35

July 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gift-in-Kind

1. A gift of a Flexowriter - Model SPD from Friden, Inc. - Division of the Singer Company for use in the Admissions Office of the University.

Upon motion of Mr. Dunlap, seconded by Mr. Jones, the Board of Trustees authorized the acceptance of the above grants and gifts and the establishment of the above-named funds by unanimous voice vote.

D. Change in Name of Fund Previously Established

At the request of the Ohio State Restaurant Association's Board of Trustees, who represent the major donors to the Restaurant Industry Fund, which was established on May 11, 1948, President Fawcett recommended that the name of the Fund be changed to the LeVelle Wood Development Fund.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees approved the change in the name of the Restaurant Industry Fund to the LeVelle Wood Development Fund by unanimous voice vote.

E. Report from The Ohio State University Development Fund

In May, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	4,808	\$ 71,475.80
Individuals other than alumni	101	13,251.49
Nonprofit organizations	47	122,944.77
Business concerns	28	33,179.53
	<u>4,984</u>	<u>\$240,851.59</u>

Of these gifts, 3,881 totaling \$33,474.48 were undesignated and 1,103 totaling \$207,377.11 were designated.

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V. APPROPRIATION AND TRANSFER OF FUNDS

A. Transfer of Earned Indirect Costs

The President reported that in accordance with the policy previously adopted by the Board, earned indirect costs were transferred to Account 179999, University Treasurer General Fund.

Administrative expenses; costs of heat, light and power; and other indirect costs on Grants and Contracts of National Science Foundation; U. S. Department of Health, Education and Welfare; other Federal Agencies; and Corporation gifts for general University purposes for fiscal year 1967-68.

July 11, 1968 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

National Science Foundation

310042	Education - Richardson	\$ 5,186.79
310044	Chemistry - Gassman	325.97
310045	Pharmacy - Parks	399.89
310050	Mathematics - Ross	3,036.00
310053	Speech - Yeager	705.10
310054	Economics - Fleisher	278.13
310056	Physics - Riley	626.37
310057	Mathematics - Meike	724.78
310064	Education - Richardson	2,186.70
310065	Mathematics - Riner	3,289.07
310066	Geology - Spieker	825.23
310067	Education - Schlessinger	2,076.72
310068	Engineering - Yarrington	1,472.24
310069	Mathematics - Ross	2,908.75
310071	Chemistry - Ouellette	<u>1,007.26</u>

Total National Science Foundation \$ 25,049.00

U. S. Department of Health, Education and Welfare

320076	NIH - Institute of Nutrition - Johnson	\$ 1,851.06
320079	NIH - Biochemistry - Snell	1,395.80
320083	NIH - Otolaryngology - Saunders	669.97
320087	NIH - Pharmacology - Marks	29.87
320098	NIH - Psychiatry - Gregory	3,698.83
320100	NIH - Zoology - Wharton	3,814.17
320101	NIH - Preventive Medicine - Shillito	4,025.90
320102	NIH - School of Nursing - Newton	1,571.59
320104	NIH - School of Social Work - Shimp	2,402.96
320105	NIH - Medicine - Skillman	3,052.70
320106	NIH - Obstetrics and Gynecology - Besch	1,417.45
320107	NIH - Psychology - Meyer	1,031.43
320108	NIH - Medicine - Weissler	1,850.68
320109	NIH - Psychology - Wherry	2,847.67
320110	NIH - Obstetrics and Gynecology - Ullery	1,919.00
320111	NIH - Sociology - Sletto	2,305.91
320112	NIH - Psychology - Wickens	1,655.79
320113	NIH - Medicine - Warren	4,546.76
320114	NIH - Medicine - Wooley	1,513.54
320115	NIH - Pharmacology - Hollander	1,460.00
320116	NIH - Psychiatry - Gregory	1,209.00
320117	NIH - Pharmacology - Marks	3,935.08
320118	NIH - Dentistry - Bruce	2,364.25
320119	NIH - Natural Resources Institute - Dambach	2,411.13
320120	NIH - Dentistry - Trippy	2,693.61
320121	NIH - Psychiatry - Gregory	2,832.00
320122	NIH - School of Social Work - Cornell	192.00
320123	NIH - School of Social Work - Shimp	<u>2,411.27</u>

July 11, 1968 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education and Welfare (continued)

320124	NIH - Surgery - Hunt	\$ 2,250.44
320126	NIH - Veterinary Pathology - Cole	8,855.47
320127	NIH - Pathology - VonHaam	1,534.78
320128	NIH - Surgery - Zollinger	4,825.44
320130	NIH - Ophthalmology - Makley	2,846.00
320131	NIH - Industrial Engineering - Rockwell	3,123.25
320132	NIH - Veterinary Physiology and Pharmacology - Hamlin	1,792.07
320133	NIH - Medicine - Allen	2,131.31
320134	NIH - Medicine - Mengel	2,295.31
320135	NIH - Otolaryngology - Saunders	7,421.42
320136	NIH - Pathology - Cerilli	2,931.60
320145	NIH - Pathology - Greider	1,083.34
320148	NIH - Physics - Nelson	1,887.68
320151	NIH - Veterinary Physiology and Pharmacology - Hamlin	1,450.72
320201	NIH - Pathology - Greider	433.16
330002	Children's Bureau - Pediatrics - Knobloch	930.58
330003	Children's Bureau - School of Social Work - Schneiderman	3,175.33
330023	PHS - Preventive Medicine - Keller	3,991.74
330024	VRA - Physical Medicine - Nagi	13,858.06
330028	VRA - Physical Medicine - Johnson	10,073.19
330029	VRA - School of Allied Medical Professions - Locher	1,351.61
330030	VRA - Speech - Schlanger	1,447.05
330031	VRA - School of Allied Medical Professions - Woods	685.39
330032	VRA - Sociology - Nagi	1,352.54
330035	Children's Bureau - Psychology - Rie	253.91
340020	OE - Geography - Brown	95.10
340026	OE - Center for Vocational and Technical Edu- cation - Taylor	8,843.69
340027	OE - Slavic Languages and Literatures - Twarog	6,136.07
340041	OE - Center for Vocational and Technical Education - Taylor	263,581.08
340042	OE - Center for Vocational and Technical Education - Taylor	570.00
340043	OE - Education - King	5,185.00
340044	OE - Education - Allen	8,907.38
340045	OE - Education - Eberhart	7,717.82
340046	OE - Education - Gibbony	6,345.92
340047	OE - Education - Ray	8,181.16
340049	OE - Center for Vocational and Technical Education - Taylor	328.67
340050	OE - Psychology - Walsh	5,131.22
340051	OE - Center for Vocational and Technical Education - Miller	4,936.94

July 11, 1968 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education and Welfare (continued)

340052	OE - Slavic Languages and Literatures - Twarog	\$ 7,600.00
340062	OE - Center for Vocational and Technical Education - Taylor	<u>440.16</u>
Total U. S. Department of Health, Education and Welfare		<u>\$477,091.02</u>

Miscellaneous

390004	AID - Service Charges for Participants	\$ 3,114.00
390006	AID - India - Education	25,000.00
390009	USN - M. E. N. D. - Shillito	613.71
390010	Veterans' Administration - \$1.00	1,705.42
390013	Veterans' Administration - 10%	161.35
390014	Education Development Center - Engineering	12,999.64
390020	AID - Brazil - Agriculture	35,000.00
390033	AID - Africa - Commerce	801.14
390034	AID - India - Punjab Agricultural University	5,000.00
390035	AID - India - University of Udaipur	5,000.00
390041	AID - Purdue University (subcontract)	6,350.58
390042	AID - India - Education	15,000.00
390043	AID - Michigan State University (subcontract)	1,708.33
390044	AID - Correspondence Courses	4,000.00
390045	Wright-Patterson Graduate Center	24,116.93
390054	AID - University of Illinois (subcontract)	3,606.98
410025	BUCO Workshop - Peters	863.10
410030	State Department of Education - Jennings	320.00
531037	Continental Casualty Company	<u>20,165.00</u>
Total Miscellaneous		<u>\$165,526.18</u>

Grand Total	<u>\$667,666.20</u>
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Upon motion of Mr. Ketterer, seconded by Mr. France, the Board of Trustees by unanimous roll call vote approved the transfer of the above amounts to Account 179999, University Treasurer General Fund.

B. Transfers to Plant Funds

During the fiscal year 1967-68, the following transfers were made from current funds to plant funds.

Account Description	B/A	Transferred from B/A	Amount
Laboratory Animal Facility Center	801021	179999	\$297,000.00
George Wells Knight House	801030	180008	(5,367.39)
Center for Tomorrow	801035	189999	200,000.00
		226396	536,000.00

July 11, 1968 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

Account Description	B/A	Transferred from B/A	Amount
Ohio Union - South Wing	801039	180008	\$ 11,000.00
Administration Building - 2nd Floor	801047	180008	(3,340.76)
University Hospital - Operating Rooms	801072	960200	(25,000.00)
Recreational Facilities Lighting	801075	180008	(18,956.34)
Speech Theater - River Union	801083	180008	377,282.24
Wiseman Hall Incinerator	801085	960200	800.00
University Hospital - Air Conditioning Project #1584	801087	960200	(331.98)
University Hospital - Water Piping System	801088	960200	(7,529.07)
Aircraft Apron and Fire-Crash Building	801089	179015	5,950.00
University Hospital - TV Studio - N-437	801093	960200	(9,820.05)
Hamilton Hall Renovation	801094	960200	3,000.00
Land	801099	179999	6,000.00
University Center - Wright State	801105	179992	56,789.35
Golf Course Club House	801118	999000	175,000.00
University Hospital - 2nd Floor Corridor	801122	960200	10,000.00
Ice Rink - Locker Space	801125	921400	32,225.38
Military Science Remodeling	801127	226314	80,000.00
University School Remodeling	801134	189999	19,700.00
Conversion of No. 5 Boiler	801136	121658	46,458.37
TB Hospital - 5th Floor	801139	960200	20,000.00
University School Remodeling	801140	179999	150,000.00
University Hospital - Room N-1046	801142	960200	25,600.00
Power Plant - Boiler Conversion	801143	179999	23,100.00
University Hospital - 4th Floor Corridor	801147	960200	29,341.00
Van de Graaff Laboratory Addition	801148	139999	120,000.00
Power Plant - Boiler No. 3	801149	121658	65,000.00
Main Library Elevator	801152	121658	25,000.00
Agricultural Administration Building - Heating and Air Conditioning	801153	129010	45,000.00
Sisson Hall - Remodeling West Wing	801154	129110	67,630.00
Power Plant Elevator	801155	121658	25,000.00
Starling-Loving - Electrical System	801156	960200	57,000.00
Derby Hall - Computer Facility	801158	189999	125,000.00
Horticulture and Forestry Greenhouse Utilities	801159	125999	12,655.59
		522459	3,164.76

July 11, 1968 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

Account Description	B/A	Transferred from B/A	Amount
Horticulture and Forestry			
Plastic Greenhouses	801160	522459	\$ 10,787.00
Horticulture Building - Remodel	801162	189999	185,000.00
Garage and Laundry - Remodel	801163	189999	200,000.00
Journalism Building - Remodel	801164	189999	25,000.00
Hospital - Capital Reserve	809998	960200	900,000.00

President Fawcett recommended that the above transfers be approved.

Upon motion of Mr. Jones, seconded by Mr. Safford, the Board of Trustees approved the above transfer of funds by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials and estimates of cost for the following projects be approved by the Board of Trustees:

A. Brown Hall Remodeling

This project will provide for the Colleges of Arts and Sciences Placement Office and college offices for the College of Humanities.

Funds for this project will be provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801165 (Construction Account for Brown Hall Remodeling).

B. Lord Hall Remodeling

This project will provide space for the Microfilm Department which will be moved from Brown Hall.

Funds for this project will be provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801166 (Construction Account for Lord Hall Remodeling).

C. Denney Hall Remodeling

This project will provide college offices for the College of Social and Behavioral Sciences and the College of Mathematics and Physical Sciences, offices for the Undergraduate Dean and conference rooms.

July 11, 1968 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

C. Denney Hall Remodeling (continued)

Funds for this project will be provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801167 (Construction Account for Denney Hall Remodeling).

D. University College - Building #4

This building is an academic building, providing general classrooms, psychology laboratory, art studios, two lecture halls and faculty and administrative offices.

Funds for this project are provided from Item 315-056, H. B. 949, Item 315-056, H. B. 886; Budget Account 801070 (West Union); and Budget Account 801146 (Title I Federal Grant).

Upon motion of Mr. France; seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VII. CONTROLLING BOARD APPROVAL

Each numbered request shown below accomplishes the following purpose:

- 43 Approves the transfer of \$12,656.50 from Item 315-016 Medical Complex, H. B. 886, to Item 315-052 Mental Retardation Center, H. B. 886, and releases this amount for expenditure for architect's fees.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Main Library - Purchase of Hebraica and Judaica Book Collection

Pampiere Wereld Antiquariaat, Amsterdam, has presented a proposal to the Office of Academic Affairs for the purchase of 10,000 selected volumes of Hebraica and Judaica including approximately 30 items of utmost rarity for the sum of \$290,000.00.

The President recommended that this purchase be approved and that the Vice President for Business and Finance be authorized to proceed to accept the proposal dated March 22, 1968, and that payment for this collection be made from Budget Account 131553. Payment will be \$90,000.00 in 1967-68, \$100,000.00 in 1968-69 and \$100,000.00 in 1969-70.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

July 11, 1968 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. School of Allied Medical Professions - Employment of Architects

On November 9, 1967, the Board of Trustees approved the employment of Holroyd and Myers to prepare preliminary drawings and data required to accompany the University's application for Federal funds with the understanding that if the project proceeded beyond the preliminary stage, their contract would be extended.

Approval of the Federal grant has been received, and President Fawcett recommended therefore that Holroyd and Myers be employed to provide architectural and engineering services for this project including basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents and complete supervision of construction.

The fee for this service shall be based on the standard fee schedule and will be an estimated \$146,300.00 with funds being provided from Item 315-062, H. B. 886, and a Public Health Service Grant.

Upon motion of Mr. France, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

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IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Harry Clifford Ramsower, Director Emeritus of the Ohio Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, a copy of the following Resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Harry Clifford Ramsower

The Board of Trustees of The Ohio State University expresses its sorrow at the death June 16, 1968, of Harry C. Ramsower, Director Emeritus in the Ohio Cooperative Extension Service.

Dr. Ramsower was born January 6, 1880, near Granville, in Licking County, Ohio. He attended the Granville Public Schools and Doane Academy in Granville. He received his Bachelor of Science degree at The Ohio State University in 1906. He became the first Chairman of the Department of Agricultural Engineering at The Ohio State University in 1908 and served in that capacity until 1920, at which time he became Director of the Ohio Cooperative Extension Service. His Master's and Doctor of Philosophy degrees in education were completed at Harvard University in 1925 and 1930, respectively.

July 11, 1968 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Harry Clifford Ramsower (continued)

Dr. Ramsower's association with The Ohio State University spanned nearly sixty years--first as a student, then as the first Chairman of the Department of Agricultural Engineering, and for twenty-nine years as Director of the Cooperative Extension Service in Agriculture and Home Economics. While serving as Department Chairman, he wrote a textbook, Equipment for the Farm and Farmstead, widely used in high schools and colleges throughout the country.

While he was charting the course for the development of Cooperative Extension work in Ohio, Dr. Ramsower was carrying his concept of Extension work to the national scene. He exerted wide influence as a member of several national committees of the American Association of Land-Grant Colleges and State Universities, notably those dealing with Extension Organization and Policy, Youth and Postwar Agricultural Policy. After retirement in 1948, he served as a consultant for the Inter-American Institute of Agricultural Sciences, serving in Uruguay, Paraguay, Brazil, Argentina, Chile and Guatemala. In 1956, he was called to Korea to draft legislation for an Extension program for that country.

Dr. Ramsower was a recipient of an honorary degree of Doctor of Humane Letters by his Alma Mater at the Winter Quarter Commencement in 1962, the centennial year of the signing of the Land-Grant College Act of 1862. Harry C. Ramsower had a love of the land and of the people who draw from it their livelihood and their way of life. From this love, he has created a living contribution that touched every rural home in Ohio and continues to grow in scope and influence and in depth of its significance.

On behalf of the University community, the Board of Trustees expresses to the family of Director Emeritus Ramsower its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

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X. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting on June 21, 1968

President Fawcett reported for information and the record that the Ohio Board of Regents at its meeting on June 21, 1968, approved the allocation of funds in the following amounts to The Ohio State University for the 1968-69 fiscal year for the programs listed below:

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting on June 21, 1968 (continued)

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|--|--------------|
| (1) Regents' Program of Summer Teacher Institutes and Workshops--directed by the College of Education | \$165,000.00 |
| (2) Technical Services Program--directed through the Division of Continuing Education | 37,519.00 |
| (3) Student Development Programs (including special instructional materials and use of special learning equipment) | 70,000.00 |
| (4) Special Teacher Education Programs--directed through the College of Education | 100,000.00 |
| (5) Developmental Instruction and Research Programs | 390,000.00 |

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above report was accepted by unanimous roll call vote.

B. Report from President Fawcett Concerning the Case of Assistant Professor David E. Green, Department of History

President Fawcett presented the following statement and recommendation concerning the case of Assistant Professor David E. Green:

Dr. David E. Green is an Assistant Professor of History completing his first year of faculty service at The Ohio State University. Upon advice received from students, University staff members, and others, certain allegations concerning Dr. Green's activities on April 5 and 30, 1968, were outlined by Dean Charles Babcock, College of Humanities, and referred to a special faculty hearing committee pursuant to faculty Rule 21.07 (Tenure; Procedure for Termination). This Committee was chaired by Professor Robert Fisher (Mathematics) and its membership included Professor Albert Kuhn (English) and Professor George St. Pierre (Metallurgical Engineering). The functions of the special committee as outlined in Rule 21.07 include to 'make findings of fact (concerning the allegations) and such recommendations as it may deem appropriate' and to 'submit these to the President' who 'shall have the sole right to make final recommendations to the Board of Trustees.'

I have now received the report of the special committee including both findings of fact and recommendations, have responded to the report with several questions concerning both interpretations of facts and the recommendations, and have received a reply from the committee to my response. Along with the summary report of the committee, I have received and studied eighteen exhibits related to the committee hearings and the complete, verbatim transcript of the hearings.

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

B. Report from President Fawcett Concerning the Case of Assistant Professor David E. Green, Department of History (continued)

Briefly stated, the allegations against Dr. Green involve the destruction of his selective service draft card in a classroom on April 5, 1968, the encouragement of students to emulate his act, the solicitation of funds on the campus for the purpose of providing arms for Negro citizens, involvement in the violation of the University guest speaker rules and procedures in connection with a campus meeting on April 30, 1968, involvement in events which led to an attack on a news photographer during that campus meeting, and the encouragement of students to violate University rules. The committee, in a letter to me dated July 3, 1968, confirms that there is 'some degree of truth' in each of these allegations except for the final one which was not supported by evidence gathered during the hearings.

The committee finds, specifically, that Dr. Green did burn his draft card in a classroom setting on April 5, 1968; did make statements which could reasonably be understood by students to be encouragement to destroy draft cards or to contribute money to arm Negroes; did engage in activities in connection with the April 30, 1968, meeting which were in technical violation of the University guest speaker rules; and did, at least by omission if not by commission, have a part in the creation of the situation which led to an attack upon a news photographer at the meeting of April 30, 1968.

In analyzing its findings, the special committee concludes that Dr. Green has been guilty of 'serious lack of judgment (April 5, 1968),' and 'poor judgment (April 30, 1968).' Upon the basis of the total hearings, the social context of the specific events, the inexperience of Dr. Green, and testimony relating to Dr. Green's competency as a historian and a teacher, the committee finds that the facts as it reviews them do not support a charge of 'grave misconduct' and recommends that Dr. Green be placed on probation in a disciplinary sense in addition to his regular probationary status as a non-tenured faculty member.

While I am sympathetic to and understand the views of the special faculty committee, I cannot share its judgment that the findings as revealed in the hearing transcript do not support a charge of 'grave misconduct.' Mindful of the intent of Rule 21.07 to provide for a faculty determination of fact in a termination case, but equally mindful of the assignment of responsibility by Rule 21.07, I cannot in good conscience submit to you a recommendation which differs with my judgment concerning the findings. Rule 21.07 appears to me to contain a major internal inconsistency in that it does mandate the division of fact-finding from final recommendation. The rule undoubtedly requires further amendment to clarify the procedures it seeks to outline. But Rule 21.07 as it now exists is the Rule which I must follow.

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

B. Report from President Fawcett Concerning the Case of Assistant Professor David E. Green, Department of History (continued)

Accordingly, I do find that the facts as gathered by a special faculty committee pursuant to Rule 21.07 and as amplified in correspondence between me and the committee do support the charge that Dr. David E. Green has been guilty of grave misconduct and I do, therefore, recommend that his services at The Ohio State University be terminated effective, as required by Rule 21.07, after one year's notice of this decision except if otherwise ordered by the Board of Trustees. In making this recommendation, I have given due weight to the recommendations of the special faculty committee, but have concentrated my analysis upon the findings of fact presented by the committee rather than upon the committee recommendation. I see no other alternative given the requirements of the Rule under which this case has been pursued.

Mr. Jones responded that he was confident that other members of the Board of Trustees concurred with him in the full disagreement with the recommendations of the Faculty Committee and that they agreed with President Fawcett in his conclusion and recommendation; however, in order to keep faith with the citizens of Ohio he moved that David E. Green be discharged, effective immediately.

Mr. Hilliker in seconding the motion stated that, "I personally see the conduct of David E. Green nothing less than disgraceful. In my judgment, this motion is long past due and I therefore strongly second the motion."

Upon roll call vote, the Board unanimously approved the above motion as presented by Mr. Jones.

C. Report on Fire in Lincoln Tower

President Fawcett made the following report:

I had hoped this morning to be able to present to you the report from the National Fire Protection Association on the fire in Lincoln Tower. Because of the volume of work that has faced the Association in recent weeks, we are advised that the report will not be finished before the end of this week and probably will not be in our hands until sometime next week. In the meantime, it should be noted that in accord with the suggestions of the State Fire Marshal, the University is proceeding to install sprinklers in the living rooms of the separate suites of the Tower. The installation, I am advised, will be completed before the beginning of the Autumn Quarter.

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

C. Report on Fire in Lincoln Tower (continued)

As an interesting sidelight, I should report to you that about thirteen hundred delegates were here a couple of weeks ago to attend the Annual Meeting of the American Dairy Science Association. Delegates and their families were housed in the Towers and these people, from nearly every state in the Union, were high in their praise of the accommodations. Men, women and children lived in the Towers during the Conference. Our people in Dairy Science and Dairy Technology have advised me that the delegates left the Conference with the feeling that they had occupied the finest housing that has ever been made available to them during their National Conferences.

D. Report on University Hall

President Fawcett presented the following report:

The University Hall has been secured as far as the north wing is concerned with the only use thereof being an access route to the fire escape at the north end of the building. The fire escapes on the building have been stiffened with steel supports.

C. Curtiss Inscho & Associates are now studying the program of requirements for University Hall. While there are no sketches available at the moment, renderings will be ready for the Board of Trustees at the September meeting together with preliminary layouts.

It is expected that Inscho & Associates will examine the possibility of using modified Georgian architecture for this facility.

E. President Fawcett's Report on Disciplinary Action Taken Against Students Who Participated in the April 26, 1968 "Lock-in" in the Administration Building

President Fawcett reported that University disciplinary action has been taken against eight Ohio State University students identified as having participated in the April 26 "lock-in" of the Administration Building. Two of the students already had been dismissed for academic failure and two had withdrawn from the University. The records of these four students have been tagged to prevent their readmission to the University without special permission of the chief student personnel officer. The other four students have been dismissed from the University. Two of these remaining four already were on academic probation. Of the remaining twenty-six students alleged to have participated in the "lock-in," ten have been dismissed for academic reasons and five have withdrawn from the University. The records of these students have been tagged. In accordance with long established University policy, names of students involved in disciplinary actions are never released.

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

F. Rules Related to Group and Individual Student Disruption - Rules 51.03, 51.05 and 29.2725 - Report of Special Committee

President Fawcett then reported that it was his understanding that the special committee (consisting of the attorney members of the Board of Trustees--Messrs. Bricker, Ketterer and Shocknessy), who were appointed at the special meeting of the Board on April 30, 1968, is prepared to report.

Mr. Shocknessy, speaking on behalf of the Committee, stated that the Committee had met and had given careful consideration to those Rules which were submitted by President Fawcett at the time of the special meeting of the Board on April 30, 1968, and had made a few textual changes which are not substantive in nature. Mr. Shocknessy then moved that pursuant to Section 3345.21 of the Revised Code of Ohio, as adopted by the 107th General Assembly, that the following Rules be added to the Rules for the University Faculty. He stated further that it is the Board's understanding that the said Rules as submitted to the Board were discussed at a special meeting of the Faculty Council held on Tuesday, April 30, 1968, at which time they were approved by unanimous vote of the members present.

51.03. Rule on Group Disruption.

Section 1. No student shall, by joining with one or more persons, enter or remain in any building or facility or upon any land of the University where not authorized or where not legally in or upon same or though authorized or legally in or upon same and after being notified to depart therefrom by a University official in charge thereof, faculty member, uniformed police officer or any person delegated such authority by the Board of Trustees or the President of the University.

Section 2. No student shall, by joining with one or more persons, commit or make preparation for or movement toward or continue in the performance of an act which is intended to disrupt any authorized program, operation or function of the University, after having been advised by a University official or faculty member in charge of such program, operation or function, uniformed police officer or any person delegated such authority by the Board of Trustees or the President of the University that such act is in disruption of such authorized program, operation or function.

Section 3. No student shall, by joining with one or more persons, detain, hold, intimidate, injure or threaten to injure or coerce by bodily harm any persons lawfully within any buildings, facilities or upon lands of the University, or any University officer or faculty or staff member in the pursuit of his University duties, or to seize, hold, commandeer, damage or threaten to do damage to such buildings, facilities or lands.

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

F. Rules Related to Group and Individual Student Disruption - Rules 51.03, 51.05 and 29.2725 - Report of Special Committee (continued)

51.03. Rule on Group Disruption. (continued)

Section 4. Any student who violates any section or sections of Rules 51.03 and 51.05 shall, upon being found guilty after hearing by the appropriate committee, be suspended from the University for not less than one academic quarter but such penalty may include expulsion with or without criminal prosecution in municipal, state or federal courts.

Section 5. University police officers are authorized to enforce the By-Laws and Rules of the University as authorized by Section 3345.04 and Section 3345.21 of the Ohio Revised Code and to eject or to arrest, detain, and bring before the appropriate committee, official or tribunal of the University any student upon view or information alleged to be in violation of University Rules.

Nothing in the foregoing shall prohibit police officers or other University personnel from bringing appropriate civil or criminal actions.

51.05. Rule on Individual Disruption.

Any individual student who is found to have been engaged in disruptive acts enumerated in Rule 51.03 by the University Committee on Discipline shall be subject to penalty including expulsion as may be determined by the University authority or authorities who are authorized by the Board of Trustees to impose discipline, with or without prosecution in the civil court.

29.2725. University Committee on Discipline.

Section 1. The standing University Committee on Discipline shall be composed of six members appointed by the President for terms of three years each, two retiring each year, four of whom shall be members of the University faculty, one of whom shall be a University administrator and one of whom shall be a student.

Section 2. Such Committee shall hear on first appeal student discipline cases where an appeal is taken either by the appropriate University official or by any student from any disciplinary action by his College, University Committee or other properly authorized University adjudicatory body, only of those cases where the penalty originally assessed was suspension, dismissal or expulsion; and such Committee shall have original jurisdiction to hear cases of alleged student

July 11, 1968 meeting, Board of Trustees

X. REPORTS (continued)

F. Rules Related to Group and Individual Student Disruption - Rules 51.03, 51.05 and 29.2725 - Report of Special Committee (continued)

29.2725. University Committee on Discipline. (continued)

violation of the Rules 51.03 and 51.05 brought before it by any University police officer, or University employee or officer or any member of the faculty, and shall determine whether such rules have been violated.

Section 3. The Committee shall have authority to order, upon a temporary hearing, forthwith and immediate suspension of a student pending a full hearing upon the merits under the Rules of 51.03 and 51.05 and shall enact such procedural rules as it deems appropriate, but all such hearings upon the merit shall be conducted pursuant to procedural rules requiring notice to the student of charges against him and affording him opportunity to present witnesses, evidence and testimony and to have representation.

Mr. Ketterer seconded the motion which was approved by unanimous roll call vote of the Board of Trustees.

G. Summer Enrollment Report

President Fawcett reported that the University enrollment for the current Summer Quarter is expected to reach an all-time summer high of 15,360. The estimate represents an increase of more than 1,000 over last summer's total of 14,351. According to the report from Vice President John T. Mount, approximately one-third of the enrollment (some 5,300), will be at the graduate level, an increase of 150 over 1967 figures in this category. The President further reported that according to information from Mr. Mount there will be 24,927 persons scheduled to come to the campus during the Summer Quarter to participate in workshops, symposia and various other continuing education programs.

H. Report on the University's Investment Portfolio

The report dated July 10, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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July 11, 1968 meeting, Board of Trustees

XI. COMMITTEE APPOINTMENTS FOR 1968-1969

Mr. Bricker announced the appointment of the following-named persons to membership on committees, boards and council as indicated:

Finance and Investment Committee

Mervin B. France, Chairman
Frederick E. Jones
James W. Shocknessy
William C. Safford

Retirement and Insurance Committee

John G. Ketterer, Chairman
Don M. Hilliker
John H. Dunlap

Development Fund Board of Directors (One-year term)

Don M. Hilliker
Frederick E. Jones

Research Foundation Board of Directors (Three-year term, July 1, 1967 - June 30, 1970)

John G. Ketterer

Association of Governing Boards of Universities and Colleges

Bertram D. Thomas

Inter-University Council

John W. Bricker

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Thereupon the Board adjourned to meet Thursday, September 12, 1968, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, at 9:00 a. m.

Attest:

John T. Mount
Secretary

John W. Bricker
Chairman

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APPENDIX I

Amendments to Rules for the University Faculty

as Approved by the Faculty Council
on June 4, 1968

Adopted by Board of Trustees July 11, 1968
(See page 4)

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Rules for the University Faculty

On June 4, 1968, the Faculty Council approved the following changes in the Rules for the University Faculty as a substitution for the text printed in the January, 1968 edition of the Rules for the University Faculty. The changes are as underscored:

31.07. University Required Courses (See Rule 49.03)

31.0701. Men Students.

All undergraduate men students, unless excused under Rule 31.0705, shall be required to schedule and to complete:

- a. National Defense Studies. (1) Two hours of Military or Air Science (or three hours of Naval Science) each quarter until a total of twelve (Naval Science, eighteen) credit hours has been earned; or (2) a grouping of academic courses prescribed by the College in which the student is registered, which courses shall be in addition to all College requirements;
- b. One or more hours of Physical Education per quarter for a total of three quarters; and
- c. During one of his first three quarters at the University and thereafter if necessary, one hour of Health Education until one credit hour has been earned.

31.0705. Marks for and Excuses from University Required Courses.

Section 3. These required courses, for both men and women, may be taken either on a Pass/Non-Pass or on a graded basis.

35.07. Academic Marks.

The official marks of the University are as follows: A, B, C, D, E, H, I, P, R, S, T, X, PA/NP, EM, and K. (A definition of all marks shall remain as printed in the January, 1968 edition with the exception of the addition of PA/NP--Pass/Non-Pass and these marks shall have the following meaning.)

PA/NP--Pass/Non-Pass.

This grading pattern may be chosen for

- (a) any or all of the University required courses (31.0701, 31.0703) of Physical Education, Health Education, and National Defense Studies.
- (b) an additional maximum of 15 hours of work.

The 15 hours noted in "b" above is confined to undergraduate students enrolled in a degree-granting college, who have an accumulated point-hour ratio of 2.0 or higher. In addition, courses required or specified as required electives in the curriculum leading to the degree for which a student is a candidate may not be taken on a Pass/Non-Pass basis.

Rules for the University Faculty (continued)

35.07. Academic Marks. (continued)

Hours graded PA or Pass count towards the degree, and PA/NP or Pass/Non-Pass are not computed in the point-hour average of the student. After an instructor is notified of the Pass/Non-Pass decision he will submit PA or NP to the Registrar, consistent with that decision, in the case of each student making the election. University and College rules for adding and deleting courses apply to courses elected on a Pass/Non-Pass basis. For the purpose only of calculating final standing in a course, the grade Non-Pass is the equivalent of the grade E and the grade Pass of the grades ABCD.

37.09. Repetition of Courses.

Section 1. A student who has received a mark of E or Non-Pass in a required course at this University may repeat the course for credit only as provided in Rule 37.07. A student who has received a mark of E or Non-Pass in any other course at this University may repeat the course for credit at his option.

Section 3. An undergraduate or professional student as defined in Rule 41.03, who has received a mark of A, B, C, or Pass in a course taken at this University or elsewhere may repeat the course only as an auditor, upon receipt of permission by the Chairman of the Department or Director of the School and the Dean of his College. A graduate student, as defined in Rule 41.03, may, after a period of five years, and when approval is given by the Graduate Committee of his Department and the Dean of the Graduate School, repeat for credit a course in which he has received a mark of A, B, or C.

49.03. Requirements for an Undergraduate Degree.

- d. Have satisfactorily completed the number of credit hours required for the curriculum he is pursuing. The minimum number of credit hours required under Rules 31.0701 and 31.0703; however, excuses granted under Rule 31.0705 shall not reduce the stated minimum number of credit hours required in the curriculum for a degree or a certificate. Credit hours are considered as "satisfactorily completed" only if the student has received, at this University, the mark A, B, C, D, EM, K, S, or PA in those hours (see Rule 35.07).

APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

August 30, 1968

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The Recipients of the Distinguished Service Awards

CHRISTINE Y. CONAWAY

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

"... she made her stand with loyalty, dedication and sincerity—most of all sincerity."

This quote from an Ohio State Lantern editorial reflects the attitude which guided Christine Y. Conaway in her twenty-three years as Dean of Women. During her tenure, Mrs. Conaway was recognized nationally as a leader in the field of student personnel administration. She served as president of the National Conference on College Fraternities and Sororities, vice president of the National Association of Women Deans and Counselors, and member of the executive committees of the American College Personnel Association and of Alpha Lambda Delta.

Mrs. Conaway received her Bachelor's degree from Ohio State in 1923 and her Master's degree in 1942. She was awarded the honorary degree, Doctor of Humane Letters, from Otterbein College in 1957. As an undergraduate, she was president of the Women's Self Government Association and of her sorority, Pi Beta Phi, and was also a member of Mortar Board.

As Dean of Women, Mrs. Conaway was in daily contact with individual women, responding to their interest and needs in the areas of housing, sororities, honor societies, and organizations. She excelled in the individual and group counseling of women, her primary area of responsibility, and was devoted to the challenge of helping young women develop the capacity for self-government and grow steadily toward mature womanhood.

Indicative of her civic and professional involvement is her favorite quotation by Kahil Gibran, "You give but little when you give of your possessions. It is when you give of yourself that you truly give."

JACOB E. DAVIS

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Devoted alumnus and trustee, humanitarian, respected counselor in matters of University policy

Jacob E. Davis served with great distinction from 1961 to 1967 as a member and chairman of the Board of Trustees of The Ohio State University. His impressive qualifications for trustee service included scholarship, as Phi Beta Kappa graduate of Ohio State and law graduate of Harvard; public service, as judge, representative to the Ohio General Assembly and the U. S. Congress, and official of the Navy Department; corporate expertise, as an executive—now president—of the Kroger Company; and civic leadership, as the generating force behind a variety of good works in Cincinnati, his home community.

While his ability has projected Mr. Davis into high office in all that he has undertaken, his concern for the welfare of his fellow man has meant that understanding and compassion have always been the partners of authority and power.

As a University trustee, his service was distinguished by a total commitment and a vigorous personal style drawn from his great store of enthusiasm, dedication, and courage. He understood the unique and vital place of universities today. Independent of mind and spirit himself, he appreciated well those essential conditions of freedom which must be present if the pursuit of truth is to flourish in a university setting.

Jacob E. Davis has been a devoted trustee, an involved participant in University affairs, an initiator of support who has invested unselfishly of himself and his substance in order that his alma mater might achieve its full promise.

MYLIN H. ROSS

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Dean of Men by title but Dean for Men in practice

Mylin H. Ross, Ohio State's second Dean of Men, served his alma mater for twenty years, fifteen as Dean of Men. A man of sterling character and integrity, Dean Ross exemplified unselfish service and a dedicated concern for the young men who came to this University.

Over the years, students references to Dean Ross were ones of friendship, loyalty, and respect, as well they should have been. He was "in tune" with each student generation, aware of its needs and concerns, and ever willing to work with students in building a stronger, richer campus experience. He reveled in their joys and shared in their troubles. His patience, understanding, and fairness won the admiration of students, faculty, and fellow deans.

Dean Ross earned his Bachelor's and Master's degrees at Ohio State and was president of his fraternity, Phi Gamma Delta. As Dean, he was selected by students for membership in all three men's honorary organizations. Following service during World War II as a naval gunnery officer, he served successively as principal of Franklinton Elementary and Highland Avenue Elementary Schools in Columbus.

A native of Lebanon, Ohio, Dean Ross was honored there in 1958 as "Lebanon's outstanding citizen of national prominence." His service to his church, community, and professional organizations has been in leadership roles and reflects his devotion to high principles.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

(One hundred and eighty candidates)

- James Joseph Agli**.....Hartford, Conn.
B.S. (Southern Connecticut State College); M.S. (Springfield College)
Dissertation: Evaluative Criteria for Library Resources of Doctoral Physical Education Programs
Field of Specialization: Physical Education
- Stuart Marvin Albert**.....Englewood, N.J.
B.A. (Lehigh University); M.A.
Dissertation: A Cognitive Response Analysis of Counterattitudinal Role Playing
Field of Specialization: Psychology
- Hatam Ali Alsamarrae**.....Baghdad, Iraq
B.S. (Agron.), B.S. (Rural Soc.) (North Carolina State College); M.A. (University of North Carolina)
Dissertation: A Proposed Educational Program for Agricultural Development in Iraq
Field of Specialization: Agricultural Education
- Ali Abdul-Hussain Al-Shamma**.....Baghdad, Iraq
M.Sc.
Dissertation: A Phytochemical Investigation of *Gutierrezia dracunculoides* (DC) Blake
Field of Specialization: Pharmacy
- Max Lee Amberson**.....Bozeman, Mont.
B.S. in Agric. (Montana State College)
Dissertation: Variables and Situational Factors Associated with High School Vocational Education Programs
Field of Specialization: Agricultural Education
- Hershel Walter Amburn, II**.....Columbus
B.S. (Denison University)
Dissertation: Rates of Neutralization and Ionization Constants of Homologous Nitrocycloalkanes
Field of Specialization: Chemistry
- Frank A. Annunziata**.....New York, N. Y.
B.A. (Manhattan College); M.A. (City College, New York)
Dissertation: The Attack on the Welfare State: Patterns of Anti-Statism from the New Deal to the New Left
Field of Specialization: History
- Joseph Larkin Arnold**.....Coshocton
B.A. (Denison University); M.A.
Dissertation: The New Deal in the Suburbs: The Greenbelt Town Program 1935-1952
Field of Specialization: History

- Richard Eugene Bailey**.....Westerville
 B.A. (Otterbein College); B.D. (United Theological Seminary); M.A.
Dissertation: A Rhetorical Analysis of James William Fulbright's
 Speaking on 'The Arrogance of Power'
Field of Specialization: Speech
- Walter Ronald Bailey**.....Decatur, Ga.
 A.B., M.Ed. (University of Georgia)
Dissertation: The Changing Role of the Dean of Men in American
 Higher Education: An Analysis of Influencing Factors
Field of Specialization: Education
- Walter Neil Ball**.....Oshkosh, Wis.
 A.B. (Baker University); M.F.A. (Municipal University of Wichita)
Dissertation: The Development of a Visual Philosophy of Structure in
 the Practice of Painting, with an Exhibition of Painters
Field of Specialization: Art
- Franklin Roosevelt Banks**.....Columbus
 B.A. (Rollins College, Florida); M.A.
Dissertation: Selected Sociocultural Factors and Coronary Heart Dis-
 ease
Field of Specialization: Sociology
- Ann Skinner Bardwell**.....Paris, Ky.
 B.S. in H.E. (University of Kentucky); M.Sc.
Dissertation: Resource Use of Low-Income Families and Its Relation-
 ship to Family Patterns of Adjustment to Chronic Maternal Illness
Field of Specialization: Home Economics
- Henry Mikel Barlow**.....Lexington, Ky.
 B.A. (Mercer University, Georgia); M.A.
Dissertation: Community Power Structure and Decision Making in an
 Urban Community
Field of Specialization: Sociology
- Robert Squire Barstow**.....Franklin, N. Y.
 B.M. (Fort Hays Kansas State College); M.A.
Dissertation: The Theatre Music of Daniel Purcell
Field of Specialization: Music
- Ronald Richard Beck**.....Columbus
 B.S. (Ohio University); M.Sc.
Dissertation: Adrenal Steroids and Their Relation to Survival in the
 Opossum
Field of Specialization: Physiology
- William James Becker**.....Columbus
 B.S. (Ag.Ed.), M.S. (Ag.Educ.) (University of Wisconsin)
Dissertation: Technical Agriculture Programs in Ohio with Emphasis
 upon Student and Program Characteristics
Field of Specialization: Agricultural Education

- Robert Walter Begland**.....Gnadenhutten
 B.Sc. in Edu., M.Sc.
Dissertation: Participation and Steric Effects of Neighboring Divalent Oxygen
Field of Specialization: Chemistry
- Robert Edward Beidler**.....Columbus
 B.A. (College of Wooster); M.A.
Dissertation: An Appraisal of the Specialist Program in Educational Administration at The Ohio State University
Field of Specialization: Education
- Fay Reifsynder Biles**.....Cuyahoga Falls
 B.A. (Duke University); M.A. (Kent State University)
Dissertation: Self-Concept Changes in College Freshmen Women in a Basic Physical Education Course Using Two Methods of Instruction
Field of Specialization: Physical Education
- Robert Frederick Block**.....Columbus
 A.B. (Brooklyn College); M.A. (Columbia University)
Dissertation: The Life of Lynn W. St. John: His Contributions to The Ohio State University and to Intercollegiate Athletics
Field of Specialization: Physical Education
- Jane Nutter Bogniard**.....Ashland
 B.S. in Ed. (Ohio University); M.A.
Dissertation: The Development and Use of Simulation Techniques in a Pre-Service Program for Prospective Student Teachers
Field of Specialization: Home Economics
- Robert Ivan Boughton, Jr.**.....Hilliard
 B.Sc. in Phys., M.Sc.
Dissertation: Size and Impurity Effects in the Thermal Conductivity of Very Pure Gallium
Field of Specialization: Physics
- Boyd Breslow**.....Lincoln, Neb.
 A.B., M.A. (University of Nebraska)
Dissertation: The English Sheriff during the Reign of King Edward I
Field of Specialization: History
- Paul Francis Buerger**.....Cincinnati
 A.B. (Villa Madonna College, Kentucky)
Dissertation: Theoretical Continuous and Line Spectra of Stars in a Close Binary System
Field of Specialization: Astronomy
- James Russell Bupp**.....Wooster
 B.A. (Manchester College)
Dissertation: Polarization Effects in a Helium-Neon Ring Laser
Field of Specialization: Physics

- †John Charles Butler.....Oxford
 B.A., M.S. (Miami University)
Dissertation: Selected Aspects of the Crystal Chemistry of BaSO₄, SrSO₄, and PbSO₄
Field of Specialization: Mineralogy
- Richard Arthur Carter.....Magnolia, Ark.
 B.Sc. in Edu., M.A.
Dissertation: A Study of Aggressiveness in Athletes and Nonathletes in Church-Related and Nonchurch-Related Colleges and Universities
Field of Specialization: Physical Education
- Shambhu Nath Chaturvedi.....Chandausi, U. P., India
 B.Sc., M.Sc. (Agra University)
Dissertation: Carbon Dioxide Fixation Studies in Some Members of Crassulaceae
Field of Specialization: Botany
- George Yarrington Coats.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: The Philippine Constabulary: 1901-1917
Field of Specialization: History
- Howard Bruce Cobbs.....Columbus
 B.A. (Mount Union College); M.Ed. (Texas Christian University)
Dissertation: A Study of the Influence of Pre-Kindergarten Experience on Concept Development of Disadvantaged Children in the First Grade
Field of Specialization: Education
- Donald Preston Cole.....Fanwood, N. J.
 B.A. (Drew University); M.A. (Montana State University)
Dissertation: The Demand of Denominations of U. S. Currency, 1914-65
Field of Specialization: Economics
- John Francis Cooke, Jr.....Bath, Me.
 A.B., M.S. (Cornell University)
Dissertation: The Chromatography and Cytology of Some Cultivated Taxa of the Genus *Hosta* Tratt
Field of Specialization: Botany
- Corrine Snyder Cope.....Lewisburg
 A.B. (Ohio University); M.S. (Case Western Reserve University); B.Sc. in Edu.
Dissertation: Linguistic Structure and Personality Development
Field of Specialization: Psychology
- Jerry Logan Crist.....Ada
 B.S. (Ohio Northern University); M.Sc.
Dissertation: Selected Reactions of Boron Heterocycles: Structural Analogs of Cyclopentane Derived from 1, 2-Ethanediol and 1, 2-Ethanedithiol
Field of Specialization: Chemistry

† Degree granted in cooperation with Miami University

- Sue Carol Cummings.....Dayton
 B.A. (Northwestern University); M.Sc.
Dissertation: Synthesis, Stereochemistry and Properties of Cobalt Complexes Containing a Macrocyclic Tetradentate Ligand Derived from ortho-Aminobenzaldehyde
Field of Specialization: Chemistry
- Charles Edgar Daniel, Jr.....North Kingstown, R. I.
 A.B., A.M. (University of Missouri); A.M. (Harvard University)
Dissertation: A Study of the Significance of the Sermons of Wenzeslaus Linck
Field of Specialization: History
- Marilyn Ellen Day.....Westerville
 B.A. (Otterbein College); M.S. (University of Colorado)
Dissertation: A Study of the Health Services of Otterbein College
Field of Specialization: Physical Education
- Sybil Gramlich de Groot.....Columbus
 B.A., M.A.
Dissertation: An Informational Analysis of a Perceptual-Motor Skill
Field of Specialization: Psychology
- Sybrein Hendrik de Jong.....Vancouver, B. C., Canada
 B.Sc. in C.E., M.Sc. (University of Manitoba)
Dissertation: The Skew Mercator Projection in Rectangular Plane Coordinate Systems
Field of Specialization: Geodetic Science
- Richard Andrew Dennis.....Saint Jo, Tex.
 B.S., D.V.M. (Texas Agricultural and Mechanical University); M.Sc.
Dissertation: The Development of the Immune Response of the Fetal Dog
Field of Specialization: Veterinary Pathology
- John Lee Deppen.....Galion
 B.Sc. in Food Tech.
Dissertation: The Effect of Potato Varieties and Storage Temperatures upon the Rates of Accumulation of Monosaccharides, Disaccharides, Organic Acids, and Amino Acids
Field of Specialization: Horticulture and Forestry
- Donn Allan Derr.....Kenton
 B.Sc. in Agr., M.Sc.
Dissertation: An Economic Analysis of Alternative Information Systems for Real Property Records
Field of Specialization: Agricultural Economics and Rural Sociology
- Gilbert Dewart.....Pasadena, Calif.
 B.S., M.S. (Massachusetts Institute of Technology)
Dissertation: Seismic Investigation of Ice Properties and Bedrock Topography at the Confluence of Two Glaciers, Kaskawulsh Glacier, Yukon Territory, Canada
Field of Specialization: Geology

- Robert Ervin Dickson.....Rossford
 B.S. (Muskingum College)
Dissertation: Studies of the Gem-Dialkyl Effect in Spirocyclic Acetals and Ketals
Field of Specialization: Chemistry
- Robert Stanley Dixon.....Madison, Wis.
 B.S.E.E., M.S.E.E. (University of Wisconsin)
Dissertation: A Method for Extracting Radio Astronomical Information from Noise, on a Production Line Basis, and Its Application to a High Sensitivity 1415 MHz Continuum Survey between Right Ascensions 0^h to 16^h and Declinations $+20^\circ$ to $+37^\circ$
Field of Specialization: Electrical Engineering
- Warren Dean Dolphin.....Philadelphia, Pa.
 B.S. (West Chester State College, Pennsylvania)
Dissertation: The Effects of Visible Light on the Growth of Cultures of *Acanthamoeba castellanii*
Field of Specialization: Zoology and Entomology
- †Thomas Scott Donahue.....Youngstown
 B.A. (Denison University); M.A. (Miami University)
Dissertation: The Present State of Middle English Dialect Studies
Field of Specialization: English
- Charles Ransom Doty.....Benton, Ill.
 B.S. in Ed., M.S. in Ed. (Southern Illinois University)
Dissertation: The Effect of Practice and Prior Knowledge of Educational Objectives on Performance
Field of Specialization: Education
- Lon David Drake.....Los Angeles, Calif.
 B.A. (University of Buffalo); M.A. (University of California, Los Angeles)
Dissertation: Till Studies in New Hampshire
Field of Specialization: Geology
- Lloyd Alvin DuVall.....Columbus
 B.Sc. in Edu.; M.A. (Kent State University)
Dissertation: The Role of Selected Ohio High School Principals in Teacher Grievance Procedures
Field of Specialization: Education
- Robert Bernhard Dybdal.....Glendale, Mo.
 B.E.E., M.Sc.
Dissertation: Waveguide Applications of Impedance Surfaces
Field of Specialization: Electrical Engineering
- Cecil George Eaves.....Calgary, Alta., Canada
 B.A. (University of Denver); M.S. (University of Oregon)
Dissertation: Effect of Four Liquids on the Endurance of College Wrestlers Following Dehydration
Field of Specialization: Physical Education

† Degree granted in cooperation with Miami University

- David Leroy Eldredge.....Columbus
 B.S.Aero.E. (Iowa State College) ; M.Sc.
Dissertation: Experimental Designs for the Optimization of Statistical Simulations
Field of Specialization: Industrial Engineering
- Coralie Ann Emmons.....Kerrville, Tex.
 B.Sc. in Edu.; M.Ed. (Sam Houston State Teachers College)
Dissertation: A Comparison of Selected Gross-Motor Activities of the Getman-Kane and the Kophart Perceptual-Motor Training Programs and Their Effect upon Certain Readiness Skills of First-Grade Negro Children
Field of Specialization: Physical Education
- Charles Irven Ernst.....Columbus
 B.S. (Saint Cloud State College) ; A.M. (State University of South Dakota)
Dissertation: Affective Behavior of High-Ability University Freshmen Whose Achievement in Mathematics is Low
Field of Specialization: Education
- William Albert Floyd.....La Crosse, Wis.
 B.Sc. in Edu.; M.S. (West Virginia University)
Dissertation: The Effects of Acute Dehydration on the Endurance of College Wrestlers
Field of Specialization: Physical Education
- Kenneth James Fornstrom.....Pine Bluffs, Wyo.
 B.S. (University of Wyoming)
Dissertation: Tillage Tool Interaction with a Bounded, Artificial Soil
Field of Specialization: Agricultural Engineering
- Donald Eugene Fought.....Columbus
 B.S., M.S. (Pennsylvania State University)
Dissertation: An Investigation of Eigenvalues Resulting from a Non-Symmetric Inertia Matrix
Field of Specialization: Aeronautical and Astronautical Engineering
- Douglas Gordon FratiAnne.....Cleveland Heights
 A.B. (Case Western Reserve University) ; M.Sc.
Dissertation: Studies of Biological Assay Systems of *Xanthium* Leaf Extracts
Field of Specialization: Botany
- Barry Alan Friedman.....Columbus
 B.Sc.; M.S. (Michigan State University)
Dissertation: Identification of *Zoogloea* Species and Its Exocellular Matrix, and the Relationship of this Matrix to Floc Formation and Uptake of Metallic Ions
Field of Specialization: Microbiology
- James Nickolas Giglio.....Ravenna
 B.A., M.A. (Kent State University)
Dissertation: The Political Career of Harry M. Daugherty
Field of Specialization: History

- Sukhdev Singh Gill.....Ludhiana, India
 B.Sc.A., M.Sc. (Punjab University)
Dissertation: Summer Feeding of Dairy Cows
Field of Specialization: Dairy Science
- Dennis Michael Girard.....Columbus
 B.S., M.A. (University of Detroit)
Dissertation: A General Asymptotic Formula for Analytic Functions
Field of Specialization: Mathematics
- Roy Andrew Glover.....Cleveland
 B.S. (Calvin College); M.Sc.
Dissertation: Alterations in the Morphology and Histochemistry of the Nodosal Ganglion Following Vagotomy
Field of Specialization: Anatomy
- Melvin Morris Goldberg.....Bethlehem, Pa.
 B.S. in Met.E. (University of Pennsylvania); M.Sc.
Dissertation: Mechanism of Molybdenum Oxidation in Gas Mixtures
Field of Specialization: Metallurgical Engineering
- Daniel Thaddeus Goldthwaite.....Edinboro, Pa.
 B.S. (Clarion State College); M.Ed. (Pennsylvania State University)
Dissertation: A Study of Micro-Teaching in the Preservice Education of Science Teachers
Field of Specialization: Education
- Faith Harriet Gray.....Columbus
 B.S. (Chatham College); A.M. (Mount Holyoke College)
*Dissertation: Infection of the Honey Bee, *Apis mellifera* L. (Insecta, Hymenoptera) by *Nosema apis* Zander (Protozoa, Cnidospora) and Its Relation to Endocrine Function*
Field of Specialization: Zoology and Entomology
- Harry Edward Green.....Westbourne Park, South Australia
 B.E., M.E. (University of Adelaide)
Dissertation: Radiation from a Finite Right Circular Cone Excited by Certain Symmetrical Sources
Field of Specialization: Electrical Engineering
- Om Parkash Gulati.....Ludhiana, India
 B.Sc. (Punjab University); B.Tech., M.Tech. (Indian Institute of Technology)
Dissertation: Flow into Subsurface Drains in Noncohesive Soils as Related to Sedimentation
Field of Specialization: Agricultural Engineering
- William Robert Gump.....Oxford
 A.B. (Denison University); LL.B. (University of Michigan); M.A.
Dissertation: A Functional Analysis of Patronage: The Case of Ohio
Field of Specialization: Political Science
- George William Haering.....Columbus
 B.S. (University of Buffalo); M.Sc.
Dissertation: Boundary Layer Separation Control and Wall Temperature Control by Tangential Fluid Injection
Field of Specialization: Mechanical Engineering

- Jane Henrietta Heidorn.....Elmhurst, Ill.
 B.S. in Ed. (Northern Illinois State Teachers College); M.A.
Dissertation: The Development and Testing of an Embossed Notation System as a Method of Teaching Motor Skills to Blind Children
Field of Specialization: Physical Education
- Daniel Pershing Heisler.....Bowling Green
 B.S. in Educ. (Wilmington College); M.A. (Miami University)
Dissertation: A Study of Factors that Affect Change in Educational Systems
Field of Specialization: Education
- Jean Leugers Hensel.....Columbus
 B.Sc., M.Sc.
Dissertation: Susceptibility Model in Epidemiology with Special Application to Cancer
Field of Specialization: Biostatistics
- Kenneth Eugene Hoffman.....Emporia, Kan.
 A.B. (Saint Benedict's College); M.S. (Kansas State Teachers College)
Dissertation: Development of an Instrument to Assess the Composite Subject Matter Achievement of Secondary Cooperative Distributive Education Students in Ohio
Field of Specialization: Education
- Kathleen Marie Howell.....Bloomville
 B.Sc. in H.E., M.A.
Dissertation: A Study of Ohio High School Home Economics Job Training Programs with Implications for Future Development
Field of Specialization: Home Economics
- George David Huffman.....Columbus
 B.E.S. (Marshall University); M.Sc.
Dissertation: A Theoretical Analysis of Turbulent Shear Flows
Field of Specialization: Mechanical Engineering
- Howard Gibbs Inglesfield.....Hilliard
 B.Mus., M.A. (University of Rochester)
Dissertation: The Relationship of Selected Personality Variables to Conformity Behavior Reflected in the Musical Preferences of Adolescents when Exposed to Peer Group Leader Influences
Field of Specialization: Music
- Russell Henry Jackson.....Provo, Utah
 B.S., M.S. (Brigham Young University)
Dissertation: Interviewer 'Noncontent Structure' and 'Status' in Eliciting Revealingness in an Initial Interview Situation
Field of Specialization: Psychology
- Thomas Wendell Jackson.....Sandy, Utah
 B.A. (Brigham Young University)
Dissertation: Developing the Writing Skill in Spanish for Native Speakers of English
Field of Specialization: Education

- Clifford Rodney James.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: The National Film Board of Canada: Its Task of Communication
Field of Specialization: Education
- Cecil Heyward Johnson, Jr.....Pinewood, S. C.
 B.S. (Ag. Ed.), M. Ag. Ed. (Clemson University)
Dissertation: The Identification of Teacher Opinion Leaders: An Element in a Change Strategy for Agricultural Education
Field of Specialization: Agricultural Education
- Russel A. Jones.....Urbana
 A.B. (Campbellsville College); M.R.E. (Southern Baptist Theological Seminary)
Dissertation: Guidelines for a Ten-Year Master Plan of Finance for Small Private Liberal Arts Colleges
Field of Specialization: Education
- George Jurcisin.....Chillicothe
 B.Sc. in Edu., M.A.
Dissertation: The Role of Brief Persistence in Motivation of Severely Mentally Retarded Boys
Field of Specialization: Physical Education
- Adi Seshaiiah Karna.....Andhra, Pradesh, India
 B.A. (Hons.), M.A. (Andhra University); M.B.A.
Dissertation: The Effective Cost of Private Versus Public Debt Issues for Corporate Issuers
Field of Specialization: Business Organization
- David Nelson Keck.....Berea
 B.Sc.
Dissertation: On a Transformation Theory for Measure Spaces
Field of Specialization: Mathematics
- Robert William Keck.....Earlville, Ia.
 B.A., M.A. (State University of Iowa)
Dissertation: Translocation of Light and Dark $C^{14}O_2$ Fixation Products from Cotyledons in Two Chlorophyll Variants of Soybean
Field of Specialization: Botany
- Robert James Kegerreis.....Athens
 B.A., B.Sc. in Bus. Adm., M.B.A.
Dissertation: Innovative and Diffusive Characteristics of the Earliest Adopters of a New Automotive Service
Field of Specialization: Business Organization
- Ansar Ali Khan.....Lyalpur, West Pakistan
 B.Sc., M.Sc. (West Pakistan Agricultural University); M. of Extension (Washington State University)
Dissertation: An Analysis of the Improvement of Quality Instruction Programs for Cooperative Extension Personnel In Ohio
Field of Specialization: Agricultural Education

- Deane Hajime Kihara.....Aiea, Hawaii
 S.B. in M.E., S.M. (Massachusetts Institute of Technology)
Dissertation: An Analytical Study of a Fluid Cylinder Model of an Electric Arc Balanced by Mutually Perpendicular Magnetic and Flow Fields
Field of Specialization: Mechanical Engineering
- Edward David Kiner.....Columbus
 A.B. (Case Western Reserve University); B.H.L., M.A. (Hebrew Union College)
Dissertation: The Existentialism of Martin Buber and Implications for Education
Field of Specialization: Education
- Angeline Joyce Kline.....Columbus
 B.S. (Case Western Reserve University); M.S. (University of Tennessee)
Dissertation: A Study of Delegation of Duties to Hospital Dietary Supportive Personnel
Field of Specialization: Education
- Walter Knoche.....Milwaukee, Wis.
 B.A. (Marquette University); M.A.
Dissertation: The Political Poetry of the Third Reich: Themes and Metaphors
Field of Specialization: German
- Marc William Konvisser.....Shaker Heights
 A.B. (Rutgers University); M.Sc.
Dissertation: Metabelian p -Groups which Contain Self-Centralizing Elements
Field of Specialization: Mathematics
- Edward Julian Krakiwsky.....Calgary, Alta., Canada
 B.Sc., M.Sc.
Dissertation: Sequential Least Squares Adjustment of Satellite Triangulation and Trilateration in Combination with Terrestrial Data
Field of Specialization: Geodetic Science
- George Harold Labovitz.....Lynn, Mass.
 B.S. in B.A. (Boston University); M.B.A. (Boston College)
Dissertation: An Intra-Organizational Analysis of Executive Interaction and Its Relationship to the Promotion Process
Field of Specialization: Business Organization
- Amrit Lal.....Bikaner, India
 B.V.Sc. and A.H. (University of Rajasthan); M.Sc.
Dissertation: A Biometrical Study of Fertility in Columbia and Targhee Sheep
Field of Specialization: Animal Science
- Gary Freeman Larkin.....Massillon
 B.Sc., M.Sc.
Dissertation: Serologic Specificity of Antibodies to Ribonucleic Acid in Normal and Rheumatoid Arthritis Sera
Field of Specialization: Microbiology

- Harold Alexander Lerch**.....Akron
 B.S., M.S.Ed. (University of Akron)
Dissertation: An Analysis of the Personal Constructs of Beginning Swimmers Using the Repertory Grid
Field of Specialization: Physical Education
- Ken Vernon Loats**.....Mason City, Ia.
 B.A. (Central College, Iowa); M.S. (State University of Iowa)
Dissertation: Translocation of Light and Dark $^{14}\text{CO}_2$ Fixation Products in *Xanthium pennsylvanicum* as Affected by Photoperiod and Other Factors
Field of Specialization: Botany
- Richard LeRoy Lorenzen**.....Lakewood, Calif.
 B.A. (Long Beach State College); M.A.
Dissertation: A History of the Old Prince of Wales's Theatre, London, 1772-1903
Field of Specialization: Theatre
- Stephen Reed Lyon**.....Hamilton
 B.A., M.S. (Miami University)
Dissertation: Phase Reactions in the Systems MgO-SiO_2 - MgF_2 , MgO-GeO_2 - MgF_2 , and $\text{MgO-GeO}_2(\text{OH})_2$
Field of Specialization: Mineralogy
- William Harris McBroom**.....Dayton
 B.Sc., M.A.
Dissertation: Status and Mobility as Determinants of Behavioral Aspects of Disability
Field of Specialization: Sociology
- John Harold McCoy**.....Conroe, Tex.
 B.S., M.A. (Sam Houston State Teachers College)
Dissertation: Atmospheric Absorption of Carbon Dioxide Laser Radiation near Ten Microns
Field of Specialization: Electrical Engineering
- Edward Bruce McLean**.....Washington C. H.
 B.Sc. in Agr., M.Sc.
Dissertation: A Field Study of Acoustical Behavior of the Cardinal *Richmondia cardinalis*
Field of Specialization: Zoology and Entomology
- Miriam Horowitz Meisler**.....Yellow Springs
 B.S. (Queens College)
Dissertation: Isolation and Characterization of Phosphatase Specific for Phosphorylated Histones and Protamines
Field of Specialization: Physiological Chemistry
- Shien-Yi Meng**.....Taipei, Taiwan, China
 B.S. (Taiwan College of Engineering); M.S. (Oklahoma State University)
Dissertation: 21-CM Observations of Negative-High-Velocity Neutral Hydrogen Clouds
Field of Specialization: Electrical Engineering

- Howard Owen Merriman.....Columbus
 B.S. in Bus. (Miami University); B.Sc. in Edu., M.A.
Dissertation: A Study of the States' Reports on Title I, Elementary and Secondary Education Act of 1965
Field of Specialization: Education
- David Loren Miller.....Marion
 B.S. in Ed. (Kent State University); M.A.
Dissertation: A Study of Teachers' Perceptions of Federal Funds for Education
Field of Specialization: Education
- Laurence Paul Miller.....Los Angeles, Calif.
 B.A. (University of California, Los Angeles); M.A. (San Fernando Valley State College)
Dissertation: Compounding and Subtraction of Two Kinds of Stimuli
Field of Specialization: Psychology
- Robert Henry Miller.....Houghton, Mich.
 B.A., M.A. (Bowling Green State University)
Dissertation: A Selected Edition of Sir John Harington's A Supplie or Addition to the Catalogue of Bishops, to the Yeare 1608
Field of Specialization: English
- James Thomas Mitchell.....Lima
 B.S.E.E. (University of Oklahoma); M.S. (University of Pittsburgh)
Dissertation: Phosphorus Ion Implantation in Cadmium Sulphide
Field of Specialization: Electrical Engineering
- Wayne Gordon Monahan.....Martins Ferry
 B.Sc. in Phys.
Dissertation: Directional Correlation of Gamma Rays in Germanium-72
Field of Specialization: Physics
- William Dean Moorhead, Jr.....Poland
 B.A. (Ohio Wesleyan University)
Dissertation: The Heitler-London Method as Applied to Solids
Field of Specialization: Physics
- Genelle Grant Morain.....Indianola, Ia.
 B.A. (Simpson College)
Dissertation: Some Implications of French Folk Literature for the Secondary Language Curriculum
Field of Specialization: Education
- Fred Durward Morgan.....Huntington, Ind.
 B.A. (Anderson College); M.A. (Ball State Teacher's College)
Dissertation: A Field Study of Avifauna on an Old Farm in North-eastern Indiana
Field of Specialization: Zoology and Entomology
- Clifton Morris.....Fredericktown, Pa.
 B.S. (Waynesburg College); M.S. (West Virginia University)
Dissertation: Contributions to the Morphology of Carthamus tinctorius L.
Field of Specialization: Botany

- Benedikt Aage Munk**.....Columbus
 Ing.E.E. (Technical University of Denmark)
Dissertation: Scattering by Periodic Arrays of Loaded Elements
Field of Specialization: Electrical Engineering
- Sally Price Navin**.....Marysville
 B.A. (Long Beach State College) ; M.A.
Dissertation: Interrelationships of Selected Vocationally Related Variables of Adolescent Girls
Field of Specialization: Education
- Zoltan Anthony Nemeth**.....Columbus
 Ing. Civil (Technical University of Budapest) ; M.Sc.
Dissertation: The Development of a New Intersection Study Technique
Field of Specialization: Civil Engineering
- Warren Gerald Noland**.....Aztec, N. M.
 B.S. (Ag.), M.A. (New Mexico State University)
Dissertation: Migration Patterns of Vocational Agriculture Graduates in Ohio
Field of Specialization: Agricultural Education
- Craig Stanley Oliver**.....Boalsburg, Pa.
 B.S., M.Ed. (Pennsylvania State University)
Dissertation: Influence of Selected Factors Upon the Learning of Landscape Design Concepts
Field of Specialization: Agricultural Education
- Thomas Raymond Owens**.....Columbus
 B.S. (Fordham University) ; M.A.
Dissertation: The Roles of Evaluation Specialists in Title I and Title III Elementary and Secondary Education Act Projects
Field of Specialization: Education
- James Michael Palardy**.....Springfield
 B.Sc. in Edu., M.A.
Dissertation: The Effect of Teachers' Beliefs on the Achievement in Reading of First-Grade Boys
Field of Specialization: Education
- Darrell Lee Parks**.....Eldorado
 B.Sc. in Agr., M.Sc.
Dissertation: Attitudes and Principles Regarding Vocational Education in Ohio
Field of Specialization: Agricultural Education
- Richard Livingston Parry**.....Houston, Tex.
 B.A. (Dartmouth College) ; M.B.A. (Kent State University)
Dissertation: The Credit Reporting Industry in Transition
Field of Specialization: Business Organization

- Edward Alvin Powers**.....Ames, Ia.
 B.A. (Alma College); A.M. (Indiana University)
Dissertation: The University Sorority: A Study of the Factors Affecting Intergenerational Agreement on Family Culture
Field of Specialization: Sociology
- Patrick Thomas Quinn**.....Evanston, Ill.
 B.A. (Loyola University); M.A.
Dissertation: Resource Oriented versus Personal Problem Oriented Interventions with College Students on Academic Probation
Field of Specialization: Psychology
- Frederick James Rafeld**.....Ashland
 B.Sc. in Agr., M.Sc.
Dissertation: An Analysis of the Influence of Personal Attitudes, Goals, Management Ability, and Growth Strategies in Farm Firm Growth
Field of Specialization: Agricultural Economics and Rural Sociology
- Subramania Ramachandran**.....Madras, India
 B.Sc., B.Sc. (Hons.), M.Sc. (Annamalai University); M.Sc.
Dissertation: Studies on the Preparation and Analysis of 1-Alkyl Glycerol Derivatives and the Isolation and Reductive Ozonolysis of Unsaturated 1-Alkyl Glycerols
Field of Specialization: Physiological Chemistry
- George Clay Reecer**.....Tompkinsville, Ky.
 A.B. (Western Kentucky State College); A.M. (Temple University)
Dissertation: The Prose Style of Charles Lamb
Field of Specialization: English
- Jerry Ward Ring**.....Dresden
 B.Sc. in Edu.; M.Ed. (Miami University)
Dissertation: A Study of the Interpretive Processes Employed by Selected Adolescent Readers of Three Short Stories
Field of Specialization: Education
- Elmo Eugene Roach**.....Dayton
 B.A. (University of Dayton); M.A.
Dissertation: Alexander I and the Unofficial Committee
Field of Specialization: History
- Roger Phillip Rohrbach**.....Ashland
 B.Agr.E.
Dissertation: On Spacing Statistics of Plant Populations Produced by Uniform Seed-Placement Devices
Field of Specialization: Agricultural Engineering
- Raghbir Singh Sandhu**.....Hoshiarpur, India
 B.A., B.Sc. in Engr. (University of the Punjab); M.E. (University of Roorkee)
Dissertation: The Occurrence of Lateral-Torsional Buckling in Uniformly Loaded Parabolic Arches
Field of Specialization: Civil Engineering

- Samuel Prentiss Sawyer.....Cleveland
 B.A. (Yale University); M.S. (University of Pennsylvania)
Dissertation: The Kaptiza Effect in the Liquid and Vapor Phases of ^3He and ^4He
Field of Specialization: Physics
- Edward Allen Schenck.....Wooster
 B.A. (College of Wooster); M.A.
Dissertation: A Study of the Independent Effect of Cue Redundancy upon the Human Inference Process in Tasks of Varying Predictability
Field of Specialization: Psychology
- Richard James Schrader.....Canton
 B.A. (University of Notre Dame); M.A.
Dissertation: A Critical and Historical Study of Robert Henryson's *Morall Fabillis*
Field of Specialization: English
- Beverly Gettings Seaton.....Newark
 B.A. (Keuka College); M.A.
Dissertation: James Fenimore Cooper's Historical Novels: A Study of His Practice as Historical Novelist
Field of Specialization: English
- Dennis James Selder.....Halifax, N. S., Canada
 B.P.E., M.P.E. (University of British Columbia)
Dissertation: Proactive Inhibition for a Motor Response during Short Term Memory
Field of Specialization: Physical Education
- Robert Andrew Settles.....Columbus
 B.Sc. in Phys.
Dissertation: Polarization Effects of Lasers
Field of Specialization: Physics
- Stephen David Shatkin.....Providence, R. I.
 A.B. (Harvard College); M.A.T. (Brown University)
Dissertation: A Study of the Change of Attitudes toward Mathematics of Prospective Elementary School Teachers
Field of Specialization: Education
- Thurston Woolever Shook.....Columbus
 B.Sc.
Dissertation: Directed Metric Spaces
Field of Specialization: Mathematics
- Mitchell Silverman.....Denver, Colo.
 B.A. (University of Denver); M.S. (New Mexico Highlands University)
Dissertation: The Development of Vocational Choice and Interests in Mentally Retarded Children
Field of Specialization: Psychology
- Wilbur Cameron Simmons.....Dayton
 B.S. (Clemson Agricultural College); M.Sc.
Dissertation: High Temperature Reactions and Phase Equilibria in the Strontium Oxide-Zirconium Oxide System
Field of Specialization: Ceramic Engineering

- Dean Sutherland Skelley.....Melrose, Mass.
 B.S. (Bates College); M.Sc.
Dissertation: Effects of Estradiol-17 β on Normal Human Ovarian Steroidgenesis
Field of Specialization: Physiology
- Edwin James Skoch.....Cleveland
 B.S., M.S. (John Carroll University)
Dissertation: Seasonal Changes in Phosphate, Iron, and Carbon Occurring in the Bottom Sediments, near Rattlesnake Island, in Western Lake Erie, 1966 to 1968
Field of Specialization: Zoology and Entomology
- Donald Melvin Sorensen.....Fort Collins, Colo.
 B.S.B.A. (University of Nebraska); M.S. (Colorado State University)
Dissertation: Capital Productivity and Management Performance in Small Farm Agriculture in Southern Brazil
Field of Specialization: Agricultural Economics and Rural Sociology
- Henry Arthur Spang.....Cincinnati
 B.S. (Baldwin-Wallace College); M.S. (University of Cincinnati)
Dissertation: The Effect of Plant Growth Substances on the Hyperchromicity of DNA
Field of Specialization: Botany
- Marjorie Frances Sparkman.....Columbus
 B.Mus. (Florida State University); M.R.E. (Carver School of Missions and Social Work); B.S. in Nurs. (University of Alabama); M.Sc.
Dissertation: Studies of the Adverse Effects of Oxygen at Atmospheric Pressure
Field of Specialization: Physiology
- Norville Edison Spence.....Brandon, Man., Canada
 B.A. (University of Manitoba); M.A.
Dissertation: The Effect of Increased Fixed Interval Schedules of Reinforcement on the Time-out Behavior of the Albino Rat in a Free Operant (Two Bar) Situation
Field of Specialization: Psychology
- Thomas Lynn Sporleder.....Columbus
 B.Sc. in Agr., M.Sc.
Dissertation: An Econometric Investigation of Regional Interdependency in the Processing Tomato Industry
Field of Specialization: Agricultural Economics and Rural Sociology
- Robert Peter Sprafkin.....New York, N. Y.
 B.A. (Dartmouth College); M.A. (Columbia University)
Dissertation: Communicator Expertness and Changes in Word Meanings in Psychological Treatment
Field of Specialization: Psychology
- Paul Henry Steagall, Jr.....Roanoke, Va.
 B.S., M.Ed. (Virginia Polytechnic Institute)
Dissertation: A Study of the Block-of-Time Scheduling in the Secondary Business and Office Education Program in Ohio
Field of Specialization: Education

- Leonard Paul Sternbach.....Brooklyn, N. Y.
 A.B. (Brooklyn College); M.Sc.
Dissertation: Bases and Quasi-Reflexive Spaces
Field of Specialization: Mathematics
- Marjorie Smock Stewart.....Fordsville, Ky.
 B.S. (University of California, Los Angeles); M.S. (Ed.) (University of Kentucky)
Dissertation: The Feasibility of Interaction among Social Welfare Agency Personnel and Home Economics Teachers for the Well Being of High School Students
Field of Specialization: Home Economics
- Albert George Story.....Fort Collins, Colo.
 B.S. in Agric. Eng. (University of Vermont)
Dissertation: Scattering of Centimeter-Wavelength Electromagnetic Energy by Standing Grain
Field of Specialization: Agricultural Engineering
- Carl David Stuber.....Columbus
 B.S. in M.E. (Massachusetts Institute of Technology); M.Sc.
Dissertation: A Microscopic Study of the Friction Process
Field of Specialization: Metallurgical Engineering
- William Martin Talley.....Vanceburg, Ky.
 A.B. in Rel. Edu. (Kentucky Christian College); A.B. (Morehead State College); M.A.
Dissertation: An Exploratory Study of the Dogmatism and Values of Persons Who Trace Their Ancestry
Field of Specialization: Education
- Arthur Wood Thornton.....Port Arthur, Tex.
 B.S.Ch.E. (University of Texas); M.S.Ch.E. (Louisiana State University)
Dissertation: Transport of Adsorbed Gas through Microporous Media
Field of Specialization: Chemical Engineering
- James Eugene Tourdot.....Magnolia
 B.E.E., M.Sc.
Dissertation: A Sequential, Self-Synchronous, Beam Tagging Technique for Adaptive Control of Transmitting Arrays
Field of Specialization: Electrical Engineering
- Raymond Gordon Traub.....Wheaton, Ill.
 B.S. in Educ., M.S. in Educ. (Northern Illinois State Teachers College)
Dissertation: The Effect of Teacher Behavior on Patterns of Student Aggression
Field of Specialization: Education
- Wayne Joseph Urban.....Cleveland
 B.S.S.S. (John Carroll University); M.A.
Dissertation: Towards a New Left in Education
Field of Specialization: Education

- Thomas James Von der Embse.....Dayton
 B.S. (University of Dayton); M.B.A. (Indiana University)
Dissertation: Demographic Variables and Salesperson Identification
 with Organizational Customer Objectives in Central Vs. Branch Depart-
 ment Stores
Field of Specialization: Business Organization
- Jennings Lee Wagoner, Jr.....Winston-Salem, N. C.
 B.A. (Wake Forest College); M.A.T. (Duke University)
Dissertation: From *in Loco Parentis* toward *Lernfreiheit*: An Examina-
 tion of the Attitudes of Four Early University Presidents Regarding
 Student Freedom and Character Development
Field of Specialization: Education
- Johnson Jenn-Hwa Wang.....Tsoying, Taiwan, China
 B.S. (National Taiwan University); M.S. (Florida State University)
Dissertation: Antenna Mode Array
Field of Specialization: Electrical Engineering
- George Jay Warheit.....Columbus
 B.A. (Indiana Central College); B.D. (United Theological Seminary);
 M.A. (University of Cincinnati)
Dissertation: The Impact of Major Emergencies on the Functional
 Integration of Four American Communities
Field of Specialization: Sociology
- Alan Watton, Jr.....Dayton
 B.S. in E.E. (University of Washington)
Dissertation: The Mechanism of the Fuel-Mixing Process in Diffusion-
 Type Supersonic Combustion
Field of Specialization: Aeronautical and Astronautical Engineering
- John Joseph William Weaver.....St. Paul, Minn.
 A.B. (Harvard University); M.A. (University of Minnesota)
Dissertation: Rhetoric and Tragedy in Thomas Sackville's Contributions
 to *The Mirror for Magistrates*
Field of Specialization: English
- Wallace Rudolph Weber.....Westerville
 B.A., M.S. (Southern Illinois University)
Dissertation: Biosystematic Studies in the Genus *Silphium* L. (Com-
 positae): Investigations in the Selected Intraspecific Taxa of *Silphium*
asteriscus L.
Field of Specialization: Botany
- Howard Alonzo Wells.....Grand Island, N.Y.
 B.N.E. (North Carolina State College of Agriculture and Engineering);
 M.Sc.
Dissertation: Efficient Use of Groups in the Planning Process
Field of Specialization: Business Organization
- Leslie Eugene Whitford.....Dayton
 B.S. (Upper Iowa University); M.S. (State University of Iowa)
Dissertation: On Boundary Behavior of Power Series
Field of Specialization: Mathematics

- James Martin Whitney**.....Dayton
 B.A. (Illinois College); B. of T.E., M.S. (Georgia Institute of Technology); M.Sc.
Dissertation: A Study of the Effects of Coupling between Bending and Stretching on the Mechanical Behavior of Layered Anisotropic Composite Materials
Field of Specialization: Engineering Mechanics
- Larry Everett Wing**.....Circleville
 B.Ch.E., M.Sc.
Dissertation: The Vapor Phase, Catalytic Hydration of Propylene Oxide
Field of Specialization: Chemical Engineering
- Barry Bates Witham**.....Jackson Heights, N. Y.
 B.A. (Tufts University); M.A. (State University of Iowa)
Dissertation: The Dramaturgy of Owen Davis
Field of Specialization: Theatre
- Warren Walter Wolf**.....Cleveland
 B.S. (Pennsylvania State University)
Dissertation: Crystallization Phenomena at or near the Surface of Titania Opacified Porcelain Enamels
Field of Specialization: Ceramic Engineering
- Francis James Woods**.....Cortland, N. Y.
 B.S., M.S. (State University of New York, Cortland)
Dissertation: The Validation of The Ohio State University Cardiovascular Fitness Test
Field of Specialization: Physical Education
- Blaine Richard Worthen**.....Draper, Utah
 B.S., M.S. (Elem Educ.) (University of Utah)
Dissertation: The Impact of Research Assistantship Experience on the Subsequent Career Development of Educational Researchers
Field of Specialization: Education
- David Lester Zartman**.....Albuquerque, N. M.
 B.S. in Agri. (New Mexico State University); M.Sc.
Dissertation: A Chromosome Study of Pigs Derived from Irradiated Male Swine and Semen
Field of Specialization: Dairy Science
- Certificate of Specialist in Educational Administration** (One candidate)
- Harold Harlow Aikins**.....Xenia
 B.S. in Elem. Edu. (Gorham State Teachers College, Maine); M.A.
- Master of Accounting** (Three candidates)
- Douglas Jay Feltman**.....Little Creek, Va.
 B.S. (Bus.Adm.) (Lehigh University)
Field of Specialization: Accounting
- Michael David Kane**.....Ashtabula
 B.Sc. in Bus.Adm.
Field of Specialization: Accounting
- Keith Thomas Murgatroyd**.....Troy
 B.S. (Carnegie Institute of Technology)
Field of Specialization: Accounting

Master of Arts*(Three hundred and fourteen candidates)*

- Thomas Joseph Acquario**.....Albany, N. Y.
B.A. (Siena College)
Field of Specialization: Romance Languages
- Andree Claudine Jaccard Adams**.....Jackson
A.B. (University of Kentucky)
Field of Specialization: Romance Languages (French)
- Kenton Leon Adkins**.....Powell
B.A. (Marshall University)
Field of Specialization: Education
- Mary Ann Alba Alia**.....Saddle Brook, N. J.
B.Sc. in Edu.
Field of Specialization: Education
- Marjorie Jane Andreas**.....Worthington
B.Sc. in Edu.
Field of Specialization: Education
- Robert Francis Ankney**.....Dover
B.Sc. in Edu.
Field of Specialization: Education
- Kamlesh Kumari Arora**.....Hissar, Punjab, India
M.S. (Punjab University)
Field of Specialization: Speech
- Vernon Duane Aune**.....Waukesha, Wis.
B.S. (Moorhead State College)
Field of Specialization: Education
- Glenn Roger Avery**.....Spokane, Wash.
B.A. (Seattle University)
Field of Specialization: Journalism
- Janet Stoer Babb**.....Mt. Sterling
B.Sc. in Edu.
Field of Specialization: Education
- Dale LeRoy Baker**.....Columbus
A.B. (West Liberty State College)
Field of Specialization: Education
- Janice Ellen Baker**.....Worthington
B.S. in Edu. (Bowling Green State University)
Field of Specialization: Speech
- Barbara Cordle Ball**.....Columbus
B.Sc. in Edu.
Field of Specialization: Journalism

- Rodney Jack Ball.....Chesterland
 B.Sc. in Edu.
Field of Specialization: Education
- Michael Patrick Barrick.....Parma
 B.S. in Ed. (California State College, Pennsylvania)
Field of Specialization: Education
- Ingrid Maria Bauer.....Granite City, Ill.
 B.A. (Saint Louis University)
Field of Specialization: Romance Languages
- Ellen Cruz Bautista.....Pasig, Philippines
 B.S. (University of the Philippines)
Field of Specialization: Political Science
- Evelyn Whitlock Beidel.....Grove City
 B.Sc. in Edu.
Field of Specialization: Education
- Jean Farina Bernholtz.....Galion
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Jon Stefan Bertschi.....Columbus
 B.A. (Carleton College)
Field of Specialization: Classics
- John Blaha.....Franklin Square, N. Y.
 B.S. (State University of New York at Stony Brook)
Field of Specialization: Psychology
- Robert William Bleyle.....New Riegel
 B.Mus. (Heidelberg College)
Field of Specialization: Music
- Lucille Walters Bolon.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Mary Haggerty Boltz.....Hillsboro
 B.Sc. in Edu.
Field of Specialization: Education
- Gene Frederick Brearton.....Prophetstown, Ill.
 B.S. in Educ. (Western Illinois State College)
Field of Specialization: Education
- San Dee Broida.....Louisville, Ky.
 B.S. in Ed. (University of Cincinnati)
Field of Specialization: Physical Education
- Carol Svigel Brown.....Fairport Harbor
 B.S. in Edu. (Kent State University)
Field of Specialization: Education

- David Jeffery Brown.....Columbus
 B.A. (Maryknoll Seminary)
Field of Specialization: Psychology
- Dale Leroy Brumbaugh.....Carrollton
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- James Milton Brundage.....Mansfield
 B.S., B.A. (Grace College, Indiana)
Field of Specialization: Speech
- Martha Foss Bullock.....Columbus
 A.B. (Wittenberg University)
Field of Specialization: Education
- Richard Taylor Bunner.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- John Frank Busse.....Dayton
 B.Sc. in Edu.
Field of Specialization: Education
- George Charles Butrus.....Linwood, N. J.
 B.S. Ed. (New Jersey State Teachers College at Glassboro)
Field of Specialization: Education
- Willard Keith Cale.....Buffalo
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Georgeann Allard Calendine.....Portsmouth
 B.Sc. in Phys. Ther.
Field of Specialization: Slavic Languages
- James Ginn Callaway.....Columbus
 B.S.Ed. (University of Michigan)
Field of Specialization: Education
- Gerald David Cantrell.....Columbus
 A.B. (Capital University)
Field of Specialization: Education
- James Reuben Casebolt.....Columbus
 B.S. in Educ. (Pikeville College)
Field of Specialization: Education
- Elaine Cohen.....Cincinnati
 B.A. (Purdue University)
Field of Specialization: Education
- William Ebbert Coleman, Jr.....Hubbard
 B.A.
Field of Specialization: Speech
- Susan Grace Colville.....Mt. Vernon
 B.Sc. in Edu.
Field of Specialization: Romance Languages

- Elizabeth Platt Corliss.....Grove City
B.A. (College of Wooster)
Field of Specialization: Education
- Virginia Knox Cornwell.....Canal Winchester
B.Sc. in Edu.
Field of Specialization: Education
- Margaret Buxton Crosby.....Columbus
B.F.A.
Field of Specialization: Art
- Donald Neumann Crusius.....Baltimore
B.A. (Elmhurst College)
Field of Specialization: History
- Mary Jo Cukerbaum.....Youngstown
B.S. (Boston University)
Field of Specialization: Speech
- Kenneth David Culver.....Milwaukee, Wis.
B.S. (University of Wisconsin)
Field of Specialization: Journalism
- Robert Emmett Daley.....Dayton
A.B. (University of Dayton)
Field of Specialization: Political Science
- Harriet Golda Davidorf.....Columbus
B.A.
Field of Specialization: Education
- Miriam Anne Davis.....Leetonia
B.Mus.Ed. (Baldwin-Wallace College)
Field of Specialization: Music
- Marilyn Peak Dawson.....Columbus
A.B. (Duke University)
Field of Specialization: Education
- Laureen Bland Dean.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Robert Claar Dean.....Livonia, Mich.
A.B. (Ohio University)
Field of Specialization: Education
- Ann Leifeld Decker.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Michael John Devine.....Joliet, Ill.
B.A. (Loras College)
Field of Specialization: History
- Vivian Irene Dicks.....Detroit, Mich.
A.B. (Wayne State University)
Field of Specialization: Speech

- Sarah Virginia Dodd.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Lee Doll.....Dayton
 B.Sc. in Edu.
Field of Specialization: Education
- Martin Milton Dorris.....Youngstown
 A.B. (John Carroll University)
Field of Specialization: Classics
- Stephen Aaron Douglas.....Columbus
 B.Sc. in Edu.
Field of Specialization: History
- Steven Cloyd Drake.....Tiffin
 B.Sc. in Agr.
Field of Specialization: Journalism
- Rosemary Duma.....Chicago, Ill.
 B.S.Ed. (Western Illinois University)
Field of Specialization: History
- Gay Pinnell Dunn.....Columbus
 B.A. (Eastern New Mexico University)
Field of Specialization: Education
- Nathalie Smith Durrant.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Jewel Marie Echelbarger.....Zionsville, Ind.
 B.S. (Purdue University)
Field of Specialization: Education
- Donald Francis Eggeman.....Delphos
 B.Sc.
Field of Specialization: Psychology
- David Hirsh Enggas.....Kansas City, Mo.
 B.A. (University of Missouri at Kansas City)
Field of Specialization: English
- Iva Hemp English.....Worthington
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Lois Martin Erdmann.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Alan Dean Evans.....Yellow Springs
 A.B. (Antioch College)
Field of Specialization: Education
- Joseph D. Exline.....Herndon, Va.
 A.B.Ed. (Glenville State College)
Field of Specialization: Education

- Derry Gedrych Eynon.....Mt. Morris, Ill.
 B.Sc. in Agr.
Field of Specialization: Journalism
- Mary E. Miller Fahner.....Cambridge
 B.S. (Mount Union College)
Field of Specialization: Education
- Charles A. Fair.....Findlay
 B.S.Jour. (Bowling Green State University)
Field of Specialization: Journalism
- Jesse Robert Fairbanks.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Steven Paul Farst.....Perrysville
 B.Sc. in Edu.
Field of Specialization: Music
- Cynthia P. Fastman.....Philadelphia, Pa.
 B.A. (University of Pennsylvania)
Field of Specialization: Romance Languages
- Arline Kay Felger.....Piqua
 A.B. (Capital University)
Field of Specialization: Education
- Samuel Williams Ferebee, III.....New Bern, N. C.
 A.B. (Duke University)
Field of Specialization: Journalism
- Robert Chester Fisher.....Xenia
 B.S. in Edu. (Wittenberg University)
Field of Specialization: Education
- Mary Frances Focke.....Columbus
 B.Sc. in Edu.
Field of Specialization: Speech
- Marsha Gittelman Fogel.....Cincinnati
 B.S. in Edu. (University of Cincinnati)
Field of Specialization: Romance Languages
- Richard Robert Foley.....Hilliard
 B.S. (Bowling Green State University)
Field of Specialization: Art
- Thomas Robert Forrest.....Canfield
 B.S. (University of Wisconsin)
Field of Specialization: Sociology
- Edward Melvin Frame.....Zanesville
 B.A. (University of Hawaii)
Field of Specialization: Music

- Erhard Theodor Fries.....Zellerfeld, Germany
Field of Specialization: German
- Margaret Brooks Fruth.....Fostoria
 B.S.Ed. (Muskingum College)
Field of Specialization: Education
- Gerald Paul Fry.....Columbus
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- David Albert Funk.....Wooster
 B.A. (College of Wooster); LL.B. (Case Western Reserve University)
Field of Specialization: Political Science
- Scharyle Louise Funk.....Bellevue
 B.Sc. in Edu.
Field of Specialization: Education
- James Samuel Gallagher.....Columbus
 B.Mus.Ed. (Otterbein College)
Field of Specialization: Music
- Laura Clark Gaver.....Marion
 B.S. in Edu. (Ohio Northern University)
Field of Specialization: Education
- Ronald Gene Gehring.....Newcastle, Wyo.
 B.S. in Educ. (Black Hills Teachers College)
Field of Specialization: Education
- Paul Geiniman.....Cleveland
 B.A.
Field of Specialization: Romance Languages
- Kathryn Froug Gersh.....Dayton
 B.Sc. in Soc.Wel.
Field of Specialization: Psychology
- George Charles Gibson.....Bonner Springs, Kan.
 B.S. (United States Air Force Academy)
Field of Specialization: Political Science
- Thelma Jemison Givens.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Diane Elizabeth Glatt.....Altadena, Calif.
 A.B. (University of California, Berkeley)
Field of Specialization: Theatre
- James Bostwick Gordon.....Canton
 B.Sc.
Field of Specialization: Psychology
- Kathleen Clegg Gordon.....Dayton
 B.A.
Field of Specialization: Speech

- Stephen Arthur Graf.....Arlington, Va.
A.B. (Miami University)
Field of Specialization: Psychology
- Robert William Gray.....Welch, W. Va.
B.S.Ed. (Concord State Teachers College)
Field of Specialization: Education
- Kenneth Richard Grube.....Hilliard
B.Sc. in Edu.
Field of Specialization: Physical Education
- Noel David Guitry.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Donald Eugene Hackett.....Columbus
B.Sc. in Edu.
Field of Specialization: Physical Education
- David Benjamin Hadley.....Harrod
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Edwin P. Hall, Jr.....Lexington, Ky.
A.B. in Educ. (University of Kentucky)
Field of Specialization: Education
- Lili-Beth Brown Hamilton.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Jowanda Wilson Harkins.....Washington C. H.
B.Sc. in Edu.
Field of Specialization: Education
- Arnold Robert Hartman.....Seven Hills
B.S. (Ohio University)
Field of Specialization: Education
- Alma Freeman Haskins.....Lafayette, Ala.
B.S. (Alabama State College)
Field of Specialization: English
- Judith Ann Hauck.....Easton, Pa.
B.A. (Bucknell University)
Field of Specialization: Education
- Linda Joyce Hawk.....Lafayette, Ind.
B.S. (Heidelberg College)
Field of Specialization: Education
- Sister Angela Hayes.....Covington, Ky.
B.A. (Catherine Spalding College)
Field of Specialization: Education
- William Claude Hayes.....Caldwell
B.S. (Capital University)
Field of Specialization: Education

- Sister M. Helena Haynes.....La Crosse, Wis.
 B.A. (Viterbo College)
Field of Specialization: Education
- Dawn Reinhard Heikkila.....Bucyrus
 B.Sc. in Edu.
Field of Specialization: Education
- Rita Ann Higgins.....Lancaster
 B.Sc. in H.E.
Field of Specialization: Education
- Thomas Michael Hines.....Sayville, N. Y.
 B.S.B.A. (New York State University at Buffalo)
Field of Specialization: Business Organization
- Bruce Allen Hitchcock.....New Middletown
 B.Sc. in Edu.
Field of Specialization: Physical Education
- David McClelland Hockenbery.....West Jefferson
 A.B. (Capital University)
Field of Specialization: History
- Frederick Michael Holliday.....Slough, England
Field of Specialization: Physical Education
- Nancy Fetzner Hook.....Cleveland
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- James David Hopkins.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- Robert George Huddleston.....Columbus
 B.A.
Field of Specialization: History
- Ronald Ervin Huff.....Columbus
 B.A. (Adrian College); B.D. (Methodist Theological School in Ohio)
Field of Specialization: History
- Ruth Ann Hull.....Miamiville
 A.B. (Wilmington College)
Field of Specialization: Education
- George Frank Hyrmer.....Cleveland
 B.Sc. in Edu.
Field of Specialization: Education
- Donald Ray Ignatz.....Elyria
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Janet Carol Ingram.....Parkersburg, W. Va.
 B.A. (West Virginia Wesleyan)
Field of Specialization: Education

- Langley Bruce James.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Jacqueline Rohde Jameson.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Naomi Schiller Jaynes.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Sister Marianne E. Joy.....Dubuque, Ia.
 B.A. (Mundelein College)
Field of Specialization: Education
- Earleen Willis Judy.....Reynoldsburg
 B.A. (Wake Forest College)
Field of Specialization: Education
- Virginia Stone Kaiser.....Columbus
 B.S. (Murray State College)
Field of Specialization: Education
- George Alexander Kakis.....Columbus
 B.A. (Kent State University)
Field of Specialization: Art
- Joan Bernhard Kalb.....Delaware
 B.S. (University of Wisconsin)
Field of Specialization: Education
- Samuel Israel Kanter.....Columbus
 B.A.; LL.B. (Ohio Northern University)
Field of Specialization: Philosophy
- Onnolee McClintock Kantner.....Canal Winchester
 B. Music (Bluffton College)
Field of Specialization: Education
- Sister Mary Nicholas Karal.....Cedar Rapids, Ia.
 B.S. (Mount Mercy College, Iowa)
Field of Specialization: Education
- Dallas Dean Keiswetter.....Cozad, Neb.
 B.A. (Westmar College, Iowa)
Field of Specialization: Education
- Beverly Turpack Keller.....Cleveland
 B.S. in Edu. (Kent State University)
Field of Specialization: Speech
- Victor Randolph Ketcham.....Columbus
 B.A.Jour. (Bowling Green State University)
Field of Specialization: Journalism

- Richard Edward Kibbey.....Marion
B.Sc. in Bus.Adm.
Field of Specialization: Art
- Avanelle Kidwell.....Mansfield
A.B. (Berea College)
Field of Specialization: Physical Education
- Barbara Jeanne Kienzle.....Columbus
B.A. (Principia College)
Field of Specialization: Education
- Pamela Lake Kiesel.....Andover, Mass.
B.A. (Principia College)
Field of Specialization: Slavic Languages
- Robert Dan Kirvel.....Homerville
B.A. (Ohio Wesleyan University)
Field of Specialization: Psychology
- Ingrid Gertrud Knodt.....Delaware
B.A. (Ohio Wesleyan University)
Field of Specialization: German
- William Fiege Koeckert.....Columbus
B. of Gen.Educ. (University of Omaha)
Field of Specialization: Education
- Nancy Marion Krainock.....Campbell
B.S. in Ed. (Youngstown University)
Field of Specialization: Education
- Aira Tidemanis Kranz.....Columbus
B.A. (University of Toledo)
Field of Specialization: Education
- Edwin Dale Kranz.....Shiloh
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Stephen John Kravec.....Columbus
B.F.A.
Field of Specialization: Art
- Karen Leslie Krebs.....Newark
B.Sc. in Edu.
Field of Specialization: Education
- Sharon Kaye Krebs.....Dresden
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Pamela Grossman Krell.....Columbus
B.A.
Field of Specialization: Psychology
- Jo Ann Kremer.....Norwood
B.A. (Our Lady of Cincinnati College)
Field of Specialization: Education

- Ronald Wayne Kroeker.....Fairborn
 B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Beverly Mae Labrecque.....Windsor, Ont., Canada
 B.S. (Northern Michigan University)
Field of Specialization: Physical Education
- Sister M. Thaddeus Lang.....Columbus
 B.A. (Ohio Dominican College); M.A. (University of Notre Dame)
Field of Specialization: Education
- Karen Lee Lavine.....Sandusky
 B.Sc. in Edu.
Field of Specialization: Education
- James Herbert Lee.....Houston, Tex.
 B.A. (North Texas State University)
Field of Specialization: History
- Mark Steven Leff.....San Francisco, Calif.
 B.A. (San Francisco State College)
Field of Specialization: Journalism
- Joan Kimmach Lehr.....Elyria
 B.F.A. (Ohio University)
Field of Specialization: Music
- Judith Lucas Lesiak.....Dayton
 B.S. (Central Connecticut State College, New Britain)
Field of Specialization: Education
- Robert William Lewis.....Columbus
 B.S. in Edu. (Capital University)
Field of Specialization: Physical Education
- Helen Elizabeth Litzinger.....Somerset
 A.B. (University of Dayton)
Field of Specialization: Psychology
- Alvin Jay Lorman.....East Paterson, N. J.
 B.A. (Long Island University)
Field of Specialization: History
- Stephen Richard Lough.....Albion, Neb.
 A.B. (University of Nebraska)
Field of Specialization: Journalism
- Edward Christopher Lucy.....Liverpool, N. Y.
 B.S.Ed. (State University College, Cortland, New York)
Field of Specialization: Education
- Richard Henry Madden.....Bethesda, Md.
 B.B.A. (University of Notre Dame)
Field of Specialization: Speech

- Patricia Ann Marcus.....Columbus
A.B. (University of Michigan)
Field of Specialization: English
- Vincent Marston.....Brockton, Mass.
A.B. (Boston College)
Field of Specialization: Classics
- John Stuart Martin.....Columbus
B.A.
Field of Specialization: English
- William Frederick Martin.....Cleveland
B.S. (Ohio University)
Field of Specialization: Education
- Peter Maslowski.....Cincinnati
A.B. (Miami University)
Field of Specialization: History
- Jean Katherine McDowell.....Hempstead, N. Y.
B.S. in Edu. (Muskingum College)
Field of Specialization: Education
- Sister M. Antonia McGovern.....Columbus
B.A. (Ohio Dominican College)
Field of Specialization: Romance Languages (Spanish)
- Robert Allen McKnight.....Columbus
B.A.
Field of Specialization: Journalism
- Josette Filippi Meckstroth.....Minneapolis, Minn.
B.A. (University of Minnesota)
Field of Specialization: Romance Languages
- Sister Mary Elaine Meers.....Stella Niagara, N. Y.
B.S. (Rosary Hill College)
Field of Specialization: Art
- Betty Duba Melragon.....Columbus
B.S.Comm. (State University of New York at Albany)
Field of Specialization: Education
- Edward Menge, Jr.....Columbus
B.A.
Field of Specialization: Political Science
- Robert Arnold Merkle.....Milford Center
B.Sc. in Edu.
Field of Specialization: Education
- Covenia Thompson Miller.....Rittman
B.Sc. in Edu.
Field of Specialization: Education
- William Kelso Miller.....Huntington Station, N. Y.
B.Sc. in Bus.Adm.
Field of Specialization: Education

- Selah Pries Mimna.....Hubbard
A.B. (University of California, Berkeley)
Field of Specialization: Romance Languages
- Charles Isaac Moore.....Caldwell
B.R.E. (Nyack Missionary College, New York); B.A. (Muskingum College)
Field of Specialization: Speech
- Lynn Shipman Morrow.....Columbus
B.Sc. in Edu.
Field of Specialization: Theatre
- Delia Ann Munday.....Cranford, N. J.
B.A. (Syracuse University)
Field of Specialization: Education
- Laura Marjorie Nathan.....Great Neck, N. Y.
B.S. in Ed. (State University College at Brockport, New York)
Field of Specialization: Education
- Irene Lucille Nelson.....Columbus
B.S. in Educ. (Wagner College)
Field of Specialization: Education
- Robert John Nelson.....Columbus
B.A.
Field of Specialization: Art.
- Lynda Weitz Newman.....Columbus
A.B. (Brandeis University)
Field of Specialization: Psychology
- Ronald Nicholson.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Walter William Noss, Jr.....Cleveland
B.S. in Edu. (Kent State University)
Field of Specialization: History
- John Willis O'Hara.....Berea
B.S. (Defiance College)
Field of Specialization: Psychology
- Ronald Harry Oosting.....Lansing, Ill.
B.S. (Calvin College)
Field of Specialization: Education
- Mary Agnes Opfer.....Elyria
B.Sc. in Edu.
Field of Specialization: Education
- Duane Coulter Palmo.....Columbus
B.F.A. (Carnegie Institute of Technology)
Field of Specialization: Speech

- Linda Marie Papenfus.....Toledo
 B.S.Ed. (Capital University)
Field of Specialization: Education
- Donald Edward Parker.....Bellefontaine
 B.Sc. in Edu.
Field of Specialization: Education
- Dennis Leroy Parrish.....Felicity
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- William Frank Patterson.....Grove City
 B.F.A. (Ohio University)
Field of Specialization: Journalism
- Carol Aldridge Patti.....Akron
 A.B. (University of Akron)
Field of Specialization: Education
- Edward Jeffrey Peltz.....Ashland
 A.B. (Marshall University)
Field of Specialization: History
- Martha Permar.....Orrville
 B.Sc. in Edu.
Field of Specialization: Education
- Vincent Dominic Petrella.....Mansfield
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Elizabeth Mae Pflaumer.....Lebanon
 A.B. (Asbury College)
Field of Specialization: Speech
- Iris Maria Pinero.....Rio Piedras, Puerto Rico
 B.S. (University of Puerto Rico)
Field of Specialization: Speech
- Alan Louis Pleasnick.....Norwalk
 B.Sc. in Edu.
Field of Specialization: History
- Marilyn King Pope.....Dayton
 B.Sc. in Edu.
Field of Specialization: Education
- Dorothy Elaine Steingarten Pressman.....Columbus
 B.A. (University of Manitoba)
Field of Specialization: Speech
- Frederick William Preston.....Toledo
 B.A.
Field of Specialization: Sociology
- Andrew Joseph Przekop.....Detroit, Mich.
 A.B. (Wayne State University)
Field of Specialization: Slavic Languages

- Mary-Ellen Radachy.....Maple Heights
B.Sc. in Edu.
Field of Specialization: Education
- Nancy Elizabeth Rains.....Silver Spring, Md.
B.A. (University of Maryland)
Field of Specialization: Psychology
- Robert Pedro Ramos.....Canton
B.Sc. in Edu.
Field of Specialization: Education
- Allan Russell Raymond.....Hampton, N. H.
A.B. (Bowdoin College)
Field of Specialization: History
- Albert George Richards.....Trinidad, West Indies
B.A. (Xavier University)
Field of Specialization: Romance Languages
- Mary Partee Richardson.....Bryan
B.S. in Ed. (Miami University)
Field of Specialization: Education
- Pauline Skinner Riel.....Marengo
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Lorne Rosenblood.....Hamilton, Ont., Canada
B.S. (Case Western Reserve University)
Field of Specialization: Psychology
- Karen Guion Ross.....Big Prairie
A.B. (Milligan College)
Field of Specialization: Education
- Jacqueline Powell Rothman.....Columbus
B.A. (Southern Illinois University)
Field of Specialization: Education
- Sharon Ann Rowland.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Laurence Thomas Ruggieri.....Chester, S. C.
B.A.
Field of Specialization: Journalism
- Thomas D. Rutan.....Mechanicsburg
A.B. (Capital University)
Field of Specialization: Education
- Mary Margret Ryan.....Wilton, Me.
B.A. (University of New Hampshire)
Field of Specialization: Education
- Judith Marie Sadowski.....Mansfield
B.Sc. in Edu.
Field of Specialization: Education

- Ann Ingeborg Morral Sandor.....Columbus
 B.A. (Ohio Dominican College)
Field of Specialization: Psychology
- Noreen Ann Sanislo.....Cleveland
 A.B. (Heidelberg College)
Field of Specialization: Education
- Roger Orlando Santille.....Hopedale
 B.Sc. in Edu.
Field of Specialization: Physical Education
- John Erwin Sauer.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- Thomas Charles Sawyer.....Worthington
 B.A.
Field of Specialization: Journalism
- Larry William Schaufelberger.....Van Wert
 B.S. in Ed. (Ohio Northern University)
Field of Specialization: Music
- Donald Eugene Schertzer.....Marion
 B.S. in Ed. (Ohio Northern University)
Field of Specialization: Education
- Joseph Allen Schindler.....Upper Sandusky
 B.S. in Ed. (University of Dayton)
Field of Specialization: Education
- Terence Luther Schreiber.....Columbus
 A.B. (Wittenberg University)
Field of Specialization: Education
- Peter Carlton Schroeder.....Masury
 A.B. (Youngstown University)
Field of Specialization: History
- Susan Grossman Schroeder.....New York, N. Y.
 B.Sc. in Edu.
Field of Specialization: Speech
- Floyd Earnest Seitz.....Cleveland Heights
 B.S. in Ed. (Ohio Northern University)
Field of Specialization: Education
- Lucille Mumaw Shank.....Columbus
 B.A. (Eastern Mennonite College)
Field of Specialization: Education
- Joan Adler Shell.....Great Neck, N. Y.
 B.Sc. in Edu.
Field of Specialization: Education
- Clyde Douglas Sherfey.....Santa Cruz, Calif.
 B.A. (Fresno State College)
Field of Specialization: Journalism

- Grace Irene Shoemaker.....Dunkirk
 B.S. in Edu. (Ohio Northern University)
Field of Specialization: Music
- Carol Baughman Slater.....DeGraff
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- Frederick William Slater, III.....DeGraff
 B.S. (Capital University)
Field of Specialization: Education
- George Ferrall Slaughter.....Canton
 B.S. in Ed. (Ashland College)
Field of Specialization: Education
- Dolores Chrisman Slivka.....Cleveland
 B.S. (Case Western Reserve University)
Field of Specialization: Education
- Carmen Goldstaub Slominski.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Norma Pluto Smith.....Marion
 B.Sc. in Edu.
Field of Specialization: Education
- Barbara Gale Snyder.....Parma Heights
 B.Sc. in Edu.
Field of Specialization: Education
- Graydon Niles Snyder.....Coshocton
 B.Sc. in Agr.
Field of Specialization: Education
- Marcia Heffernan Speakman.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Constance Phillips Spotts.....Grove City
 B.A. (Adrian College)
Field of Specialization: Physical Education
- Robert Alan Stallings.....Westerville
 B.A.
Field of Specialization: Sociology
- Nancy Jean Stephenson.....West Lafayette, Ind.
 B.Mus. (North Texas State University)
Field of Specialization: Music
- Dennis Earl Stewart.....Westerville
 B.A. (Otterbein College)
Field of Specialization: Education

- George Rudolph Stich.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Political Science
- Philip Winston Stockton.....Bowling Green
 B.A.
Field of Specialization: Journalism
- Betty Jean Straub.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Cynthia Stevens Strauss.....Columbus
 B.A.
Field of Specialization: Education
- Nancy Katherine Stump.....Ashtabula
 A.B. (Marshall University)
Field of Specialization: Romance Languages
- Judith Joan Sunday.....Youngstown
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Nancy Heiks Suter.....Bluffton
 B.S. in Edu. (Bluffton College)
Field of Specialization: Education
- Shirrel Von Tackett.....Rushtown
 B.Sc. in Edu.
Field of Specialization: Education
- Donald P. Tate.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Phoebe Lee Teichert.....Greensburg, Pa.
 B.S. (Slippery Rock State College, Pennsylvania)
Field of Specialization: Physical Education (Health Education)
- Nina Armstrong Tenaglia.....Columbus
 B.Sc.
Field of Specialization: Education
- Harold Elmer Theis, Jr.....Euclid
 A.B. (Wittenberg University)
Field of Specialization: Sociology
- William Arthur Tillinghast.....Lincoln, Neb.
 B.S.Ed. (University of Nebraska)
Field of Specialization: Journalism
- Carol Jeffery Todd.....Paulding
 B.S. in Ed. (Bowling Green State University)
Field of Specialization: Music
- Barbara Oliver Tootle.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Sociology

- Betty Marie Tucker**.....Zanesville
 B.A. (Olivet Nazarene College)
Field of Specialization: Education
- Nicholas Phillippe Turoff**.....Springfield
 Ph.B. (University of Detroit); B.S. in Edu. (Wittenberg University)
Field of Specialization: Education
- Thomas Harvey VanBrunt**.....Toronto
 B.A.
Field of Specialization: Speech
- Sharon Lynne Veale**.....Springfield
 B.S. (Ed.) (Indiana University)
Field of Specialization: Education
- William Joseph Vesey, Jr.**.....Colonia, N. J.
 B.A. (Newark State College)
Field of Specialization: Education
- Linda Stewart Vogel**.....Lima
 B.Sc. in Edu.
Field of Specialization: Education
- Winifred Diane Wain**.....Mansfield
 B.Sc. in Edu.
Field of Specialization: Education
- Harmon Johnson Walker, Jr.**.....London
 A.B. (Ohio University)
Field of Specialization: History
- Judith Rose Walters**.....Circleville
 A.B. (Ohio University)
Field of Specialization: History
- Patricia Ann Warchol**.....Toledo
 B.A.
Field of Specialization: Speech
- Michael Daniel Warejko**.....Buffalo, N. Y.
 A.B. (University of Detroit)
Field of Specialization: Political Science
- Valerie Anne Warner**.....Sarasota, Fla.
 B.Sc. in Edu.
Field of Specialization: Education
- Thomas Clark Warnock**.....Lancaster, Pa.
 A.B. (Denison University)
Field of Specialization: Speech
- Elizabeth Ogden Warren**.....Columbus
 B.M.Ed. (Southeastern Louisiana College)
Field of Specialization: Music

- Paul Lafayette Webb, II.....Marion
A.B. (University of Redlands); B.D. (Eastern Baptist Theological
Seminary)
Field of Specialization: History
- Olavi Edward Weir.....Brookville
B.A. (Southern Missionary College)
Field of Specialization: Education
- Margaret Louise While.....Cuyahoga Falls
B.S. (University of Michigan)
Field of Specialization: Education
- Daniel Lee Whitacre.....Columbus
B.Sc.
Field of Specialization: Education
- Mark B. Whitaker.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Constance Swinney Whitham.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Linda Schmalhurst Wilke.....Shelby
B.F.A. (Ohio University)
Field of Specialization: Speech
- John Donald Williams.....Columbia, S. C.
B.S. (University of South Carolina)
Field of Specialization: Psychology
- Sally Parrish Willits.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Franklin David Wilson.....East Liverpool
B.Sc. in Edu.
Field of Specialization: Education
- Janet Louise Wilson.....South Vienna
B.S. (Wilmington College)
Field of Specialization: Education
- Larry Leroy Wilson.....Westerville
B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Maudie Louise Wilson.....Grenada, Miss.
B.S. (Jackson State College)
Field of Specialization: Education
- Susan Lindsey Wise.....Wooster
B.Music Ed. (Capital University)
Field of Specialization: Education
- Diana Jean Wolff.....Broadview, Ill.
A.B. (Augustana College)
Field of Specialization: Education

- Jerilyn Lazear Wolman.....Columbus
 B.Sc. in Edu.
Field of Specialization: Political Science
- Gertrude Stienecker Wright.....Grove City
 B.Sc. in Edu.; B.S. in L.S. (Case Western Reserve University)
Field of Specialization: Education
- Chu Lin Yeh.....Taiwan, China
 B.A. (Taiwan Normal University)
Field of Specialization: Education
- Mary Nicewander Yingling.....Lafayette, Ind.
 B.A. (Purdue University)
Field of Specialization: Art
- Georgia Zannaras.....Reading, Pa.
 B.A. (Indiana State College, Pennsylvania)
Field of Specialization: Geography
- Marguerita Calfee Zigo.....Canton
 B.S.Ed. (Muskingum College)
Field of Specialization: Education
- JoAnn M. Zimmerman.....Mansfield
 B.S.B.A. (Ashland College)
Field of Specialization: Education
- Jonathan Walter Zophy.....Holland, Mich.
 B.A. (Michigan State University)
Field of Specialization: History

Master of Business Administration

(Thirty-seven candidates)

- Joseph Ervin Ballew.....Kevil, Ky.
 B.S. (Business) (Indiana University)
Field of Specialization: Business Organization
- Nicholas Stanislaus Baskey, Jr.....Fremont
 B.A. (Yale University)
Field of Specialization: Business Organization
- Dennis Jerome Belknap.....Bellevue, Neb.
 B.Gen.Educ. (University of Omaha)
Field of Specialization: Business Organization
- Terry Lee Bockhorn.....Dayton
 B.E.E. (University of Dayton)
Field of Specialization: Business Organization
- Richard Thompson Brigden.....Euclid
 B.A. (Dartmouth College)
Field of Specialization: Business Organization
- Richard Keaton Carroll.....Upper Sandusky
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Lloyd LeRoy Carter.....East St. Louis, Ill.
 B.S. in Bus. (Indiana University)
Field of Specialization: Business Organization

- Dale Olin Channell.....Senecaville
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Gerald Dudley Clark.....Mt. Vernon
 B.S. in M.E. (University of Rochester)
Field of Specialization: Business Organization
- Gus James Coutlakis.....Charleston, S. C.
 B.A. (Duke University)
Field of Specialization: Business Organization
- Robert Edward Davis.....Carbondale, Ill.
 B.S. (Southern Illinois University)
Field of Specialization: Business Organization
- Roger Fisher Davis.....Columbus
 B.S. in Bus.Adm. (Capital University)
Field of Specialization: Business Organization
- Walter Frederick Duy.....Mansfield
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Robert Taylor Elrod.....Chatsworth, Ga.
 B.B.A. (University of Oklahoma)
Field of Specialization: Business Organization
- James Victor Griesen.....Canton
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Gerald Aldrich Hargitt.....Spokane, Wash.
 B.S. (Syracuse University)
Field of Specialization: Business Organization
- Guillermo Herrera-Espinosa.....Potrerillos, Chiriqui, Panama
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Thomas F. Hudak.....Gahanna
 B.S. (Saint Vincent College)
Field of Specialization: Business Organization
- William John Karpinski.....Lorain
 B.S. (United States Naval Academy)
Field of Specialization: Business Organization
- Henry Gary Kuhlmann.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- James Donald Lashbrook.....Dayton
 B.S. (Brescia College, Kentucky)
Field of Specialization: Business Organization

- Timothy Raymond Longstreth.....Zanesville
 B.B.A. (University of Notre Dame)
Field of Specialization: Business Organization
- Maria Cecilia Concepcion Lopez.....Marion
 A.B. (College of the Holy Spirit)
Field of Specialization: Business Organization
- Robert Leroy Lough.....Dayton
 B.B.A. (University of Wisconsin)
Field of Specialization: Business Organization
- Thomas Edward McCarty.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Business Organization
- Robert Douglas Palmquist.....Columbus
 A.B. (University of Missouri)
Field of Specialization: Business Organization
- Roy Walter Pike.....Rochester, Minn.
 B.S. (South Dakota State University)
Field of Specialization: Business Organization
- John Brinton Robinson.....Norfolk, Va.
 B.S.Ind.Mgt. (Purdue University)
Field of Specialization: Business Organization
- Paul Lawrence Sauer.....Columbus
 B.Sc. in Mech.Engr. (University of Notre Dame)
Field of Specialization: Business Organization
- James Richard Shable.....Cleveland
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Fred John Shockley.....Cincinnati
 B.S. (University of Cincinnati)
Field of Specialization: Business Organization
- Cecil Jay Smith.....Penn Yan, N. Y.
 B.S. (Syracuse University)
Field of Specialization: Business Organization
- Andrew Fielding Steinman.....Worthington
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- William Arthur Stewart.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Robert Louis Strayer.....Sidney
 B.Sc. in Agr., B.Sc. in Edu.
Field of Specialization: Business Organization

John Bernard Travers.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization

Paul Lawrence Wilkens.....Seville
 B.S. in Bus.Adm. (Bowling Green State University)
Field of Specialization: Business Organization

Master of City Planning (Two candidates)

Michael Dennis Hock.....Columbus
 B.Sc. in Edu.
Field of Specialization: City and Regional Planning

Mohammad Sadiq Swati.....Hazara, West Pakistan
 B.Sc. (West Pakistan University of Engineering and Technology)
Field of Specialization: City and Regional Planning

Master of Fine Arts (One candidate)

Jeanne Carol Fryer.....Lancaster, N. Y.
 B.F.A. (State University of New York at Buffalo)
Field of Specialization: Fine Arts (Painting)

Master of Music (One candidate)

Daniel Wayne Ruddick.....Willoughby
 B.Sc. in Edu.
Field of Specialization: Music

Master of Science (One hundred and sixty-two candidates)

Douglas Oldfather Abbott.....Columbus
 B.S. (University of Wyoming)
Field of Specialization: Microbiology

Lazar I. Almasanu.....Marion
Field of Specialization: Electrical Engineering

Filomeno Newton Almeida.....Goa, India
 B.E. (University of Bombay)
Field of Specialization: Civil Engineering

Theodore Nicholas Bailey.....Lore City
 B.Sc. in Agr.
Field of Specialization: Zoology

Robert Charles Barney.....Columbus
 B.Sc.
Field of Specialization: Microbiology

- Janet Redman Bartels.....Columbus
B.Sc. in H.E.
Field of Specialization: Home Economics
- Clifford Glenn Baughman.....DeGraff
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- James Grant Bender.....Niles
B.E. (Youngstown University)
Field of Specialization: Electrical Engineering
- Alan Wilson Besse.....Blacksburg, Va.
B.S. (Virginia Polytechnic Institute)
Field of Specialization: Electrical Engineering
- Judith Ann Beyring.....Cincinnati
B.S.Ed. (Miami University)
Field of Specialization: Home Economics
- Samuel Darrell Blair.....Richmond, Ky.
B.S. (Eastern Kentucky State College)
Field of Specialization: Chemistry
- John William Blumberg.....Cincinnati
B.Sc. in Phys.
Field of Specialization: Computer and Information Science
- John Holly Boucher.....San Rafael, Calif.
B.S. in Agr., D.V.M. (University of Missouri); M.S. (Cornell University)
Field of Specialization: Veterinary Physiology
- Diane Marie Brost.....Aberdeen, S. D.
B.S. in Educ. (Northern State Teachers College, Aberdeen, South Dakota)
Field of Specialization: Mathematics
- Delbert LeRoy Brown.....Worthington
B.A. (Union College); M.D. (Loma Linda University)
Field of Specialization: Psychiatry
- Mary Kathryn Brown.....Alexandria, La.
B.S. (Northwestern State College of Louisiana)
Field of Specialization: Pathology
- Robert Edward Brown.....Fayetteville
B.Sc.
Field of Specialization: Agronomy
- Julia Holbrook Burgess.....Chesapeake
A.B. (Marshall University)
Field of Specialization: Home Economics
- Walter Ronald Butler.....Vienna
B.Sc. in Agr.
Field of Specialization: Dairy Science

- Frank Gilbert Calhoun, Jr.....Bellevue
 B.Sc. in Agr.
Field of Specialization: Agronomy
- Edward Cardona.....New York, N. Y.
 B.S. (City College, New York)
Field of Specialization: Physiology
- Michael Dale Carroll.....San Diego, Calif.
 B.S. (United States Merchant Marine Academy)
Field of Specialization: Geodetic Science
- Cynthia Brand Caudill.....Worthington
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Joel Robert Chambers.....Columbus
 B.Met.E.
Field of Specialization: Metallurgical Engineering
- Jiann-Chyr Chang.....Taichung, Taiwan, China
 B.S. (National Taiwan University)
Field of Specialization: Dairy Technology
- LaVern Charles Christianson.....Austin, Minn.
 B.S. (Mankato State College, Minnesota)
Field of Specialization: Mathematics
- Richard Davis Chronister, Jr.....Dayton
 B.S. (Physics) (University of Oklahoma)
Field of Specialization: Nuclear Engineering
- James Albert Clancy.....Dublin, Ireland
 B.Sc. (National University of Ireland) ; M.S. (Purdue University)
Field of Specialization: Poultry Science
- Gordon Ray Clevenger.....Columbus Grove
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Penelope Rush Colbaugh.....Bartlesville, Okla.
 B.S. (Oklahoma State University)
Field of Specialization: Zoology
- Phillip Francis Colbaugh.....Bartlesville, Okla.
 B.S. (Oklahoma State University)
Field of Specialization: Plant Pathology
- David Hampton Collins.....Beltsville, Md.
 B.S. (University of Wisconsin)
Field of Specialization: Pathology
- Ivan Fredes Contreras.....Santiago, Chile
Field of Specialization: Dairy Technology
- John James Convey.....Miami, Fla.
 B.A., M.A. (LaSalle College)
Field of Specialization: Mathematics

- Charles Irvin Copeland.....Wapakoneta
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Richard Roy Corwin.....Dayton
B.Sc. in Phys.
Field of Specialization: Electrical Engineering
- Gary Jay DaMert.....Middleburg Heights
B.Sc.
Field of Specialization: Microbiology
- Raymond Eugene Dann.....Marathon, N. Y.
B.S. (Cornell University)
Field of Specialization: Pharmacy
- Biswa Tosh Datta.....Howrah, India
B.Sc. (Scottish Church College, Calcutta) ; M.Sc. (Calcutta University)
Field of Specialization: Mathematics
- Sharen Ann Deacon.....Waverly
B.S. (Harding College)
Field of Specialization: Home Economics
- Vidal Pedroso de Faria.....Sao Paulo, Brazil
Eng. Agronomo (Universidade de Sao Paulo)
Field of Specialization: Animal Science
- Norma Ruoff Deyo.....London
B.Sc. in H.E.
Field of Specialization: Home Economics
- John Frederick Dilley.....Columbus
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- William Albert Dimmitt.....Independence, Mo.
B.S. (University of Missouri)
Field of Specialization: Entomology
- George Ronald Dochat, Jr.....Columbus
B.A. (Franklin and Marshall College, Lancaster, Pennsylvania)
Field of Specialization: Aeronautical and Astronautical Engineering
- Bradley Harris Dowden.....Columbus
B.Sc.
Field of Specialization: Physics
- John Eric Doyle.....Berkeley, Calif.
B.M.E.
Field of Specialization: Mechanical Engineering
- Janice Mosny Duke.....Springfield
A.B. (Wittenberg University)
Field of Specialization: Chemistry
- Joseph Gordon Dunleavy.....Columbus
B.S. in Met.Engr. (Michigan College of Mining and Technology)
Field of Specialization: Metallurgical Engineering

- Veronica Anne Durkin.....Belmar, N. J.
 B.S.N. (Catholic University of America)
Field of Specialization: Nursing
- Marilyn Scott Ewing.....Columbus
 B.S. (Capital University)
Field of Specialization: Mathematics
- Francis Afolabi Fajemirokun.....Okeigbo, Nigeria
 B.Sc. (University of Nigeria)
Field of Specialization: Geodetic Science
- Dennis Dale Fay.....Cleveland
 B.Sc.
Field of Specialization: Microbiology
- Jack Moreland Ferrier.....Bay Village
 B.Sc.
Field of Specialization: Physics
- Arthur Williams Fetter.....Big Prairie
 D.V.M.
Field of Specialization: Veterinary Pathology
- Robert Rudolph Finch.....Dayton
 D.D.S.
Field of Specialization: Pathology
- Kathleen Dianne Finn.....Skokie, Ill.
 B.S. (Northern Illinois University)
Field of Specialization: Home Economics
- Terrence Albert Fletcher.....Wortmanville, Georgetown,
 Guyana
 B.Sc.Engin. (University of Aberdeen, Scotland)
Field of Specialization: Civil Engineering
- John Freeland.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering
- Larry John Fruit.....Bloomsburg, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Electrical Engineering
- Issam Naoum Ghassan.....Baghdad, Iraq
 B.D.S. (University of Baghdad)
Field of Specialization: Dentistry
- Marcus Fantozzi Giorgetti.....Sao Paulo, Brazil
 Mech.Engr. (Escola de Engenharia de Sao Carlos)
Field of Specialization: Mechanical Engineering
- Theodore Lee Glenn.....Greenwich
 B.Agr.E.
Field of Specialization: Agricultural Engineering

- Allan Bruce Goldberg.....Silver Spring, Md.
A.B. (George Washington University)
Field of Specialization: Chemistry
- Murray Goldwag.....Brooklyn, N. Y.
B.S. (Brooklyn College)
Field of Specialization: Mathematics
- Helen Kay Grant.....Columbus
B.Sc. in Occ.Ther.
Field of Specialization: Anatomy
- Larry Eugene Greer.....South Pasadena, Calif.
B.S.C.E. (Purdue University); B.S. (Manchester College)
Field of Specialization: Civil Engineering
- Bruce Eldon Hamilton.....Columbus
B.S. (Oregon State University)
Field of Specialization: Electrical Engineering
- William Earl Hammer, Jr.....Centerville
B.I.E. (University of Dayton)
Field of Specialization: Industrial Engineering
- George Randall Harker.....Cleveland
B.Sc. in Agr.
Field of Specialization: Zoology
- Lee Warren Henderson, III.....Waynesburg, Pa.
B.S. (Waynesburg College)
Field of Specialization: Geodetic Science
- Tatsuo Higa.....Yabu-Son, Okinawa
B.E. (Yokohama National University, Japan)
Field of Specialization: Chemistry
- Syed Amrulla Hussaini.....Warangal, India
B.V.Sc. and A.H. (Osmania University, India)
Field of Specialization: Dairy Science
- Nancy Sullivan Karp.....West Roxbury, Mass.
B.S. (Ed.) (State Teachers College, Framingham, Massachusetts)
Field of Specialization: Preventive Medicine
- David Susumu Kato.....Gresham, Ore.
B.S. (E.E.) (Oregon State University)
Field of Specialization: Electrical Engineering
- David Michael Kincaid.....Cincinnati
B.S. (University of Cincinnati)
Field of Specialization: Mathematics
- David Joel Kinzelman.....Columbus
B.Sc.
Field of Specialization: Geology
- Sister M. Rosalie Kline.....Pittsburgh, Pa.
B.S.Ed. (Duquesne University)
Field of Specialization: Mathematics

- Satishchandra S. Kokrady.....Bombay, India
B.Sc., B.S.Tech., M.Tech. (University of Bombay)
Field of Specialization: Chemistry
- Helmut G. Kramer.....Solon
B.S. (Valparaiso University)
Field of Specialization: Microbiology
- Surinder Kumar.....Amritsar, India
B.Sc. (University of Punjab)
Field of Specialization: Dairy Technology
- John Walter Kuntz.....Columbus
B.Sc. in Edu.
Field of Specialization: Mathematics
- Nancy Ann Lantz.....Warren
B.S. (Mercyhurst College, Pennsylvania)
Field of Specialization: Home Economics
- Graham John Larson.....Sandstone, Minn.
B.A. (Gustavus Adolphus College)
Field of Specialization: Mathematics
- Clarence Michael Lee.....Honolulu, Hawaii
B.E.E. (University of Dayton)
Field of Specialization: Electrical Engineering
- Judith Walters Leste.....Columbus
B.Sc.
Field of Specialization: Microbiology
- Chii-fa Lin.....Hsinchu, Taiwan, China
B.S. in Ag. (National Taiwan University)
Field of Specialization: Dairy Technology
- Kay Chaffey Lindsay.....Tamworth, Australia
B.Sc. (Hons.) (University of New England, Australia)
Field of Specialization: Entomology
- Jennifer Ruth Lohse.....Pomeroy
B.Sc. in H.E.
Field of Specialization: Home Economics
- Lona Johnson Loy.....Columbus
B.S. in Ed. (Wittenberg University)
Field of Specialization: Home Economics
- Matthew John Lucas, Jr.....Columbus
B.W.E.
Field of Specialization: Welding Engineering
- John Francis Maguire.....Arlington, Va.
B.S. (Cornell University)
Field of Specialization: Electrical Engineering
- Salah El-Din Abdel-Hadi Mahmoud.....Cairo, Egypt
B.Met.Engr. (Cairo University)
Field of Specialization: Metallurgical Engineering

- Norman Harold Mason.....Bossier City, La.
B.S. (University of Arkansas)
Field of Specialization: Geodetic Science
- Thomas Anthony Massmann.....Palatine, Ill.
B.A. (University of Portland)
Field of Specialization: Geodetic Science
- Anthony Alfred Matz, Jr.....Reading, Pa.
B.S. (Moravian College) ; M.A.T. (Harvard University)
Field of Specialization: Mathematics
- William Lee Melvin.....Ironton
B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Carl Allan Mentzer.....Youngstown
B.E.E.
Field of Specialization: Electrical Engineering
- Sheldon Barnett Meyerson.....North Miami, Fla.
B.S. (Muhlenberg College) ; M.D. (Jefferson Medical College)
Field of Specialization: Anatomy
- Linda Midkiff.....Hartford, Ky.
B.S. (H.Ec.) (University of Kentucky)
Field of Specialization: Home Economics
- Sharrell Lee Mikesell.....Warsaw
B.A. (Olivet Nazarene College)
Field of Specialization: Chemistry
- Raymond Allen Miller.....Ostrander
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Terence P. Moritz.....Chicago, Ill.
B.S.M.E. (Purdue University)
Field of Specialization: Mechanical Engineering
- Orval Lee Mullen.....Oakwood
B.Sc.
Field of Specialization: Microbiology
- Gordon Joseph Muller.....Georgetown, Guyana
B.Sc. in Agr.
Field of Specialization: Plant Pathology
- Domicio Nascimento, Jr.....Goiias, Brazil
Eng.Agronomo (Universidade Rural do Brazil)
Field of Specialization: Animal Science
- Peter David Nealing.....Ocala, Fla.
B.I.E.
Field of Specialization: Industrial Engineering

- Henry Charles Nixt..... Waterloo, Ia.
 B.S. (Loras College)
Field of Specialization: Mathematics
- Michael Thomas O'Brien..... Dublin
 B.M.E.
Field of Specialization: Mechanical Engineering
- James Edward O'Hara..... St. Louis, Mo.
 B.A. (Saint Mary's University of San Antonio)
Field of Specialization: Mathematics
- Terry Lee Oliver..... Versailles
 B.E.E.
Field of Specialization: Electrical Engineering
- Larkin Shaumus O'Neill..... Columbus
 B.Sc. in Phys.
Field of Specialization: Mathematics
- Richard Magee Osgood, Jr..... Fairborn
 B.S. (United States Military Academy)
Field of Specialization: Physics
- Charles Arthur Osmond..... Cincinnati
 A.B. (Miami University)
Field of Specialization: Botany
- Eric Jose Owen-Bartlett..... Santa Marta, Colombia
 Ing. Agr. (National University of Colombia)
Field of Specialization: Agronomy
- Sung Chun Pak..... Daly City, Calif.
 B.S. (University of California, Berkeley)
Field of Specialization: Chemical Engineering
- Sandra Lou Parrish..... Caldwell
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Charles Eugene Pencil..... Springfield
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Anek Piyanksuwan..... Bangkok, Thailand
 B.Eng. (Chulalongkorn University)
Field of Specialization: Civil Engineering
- *Ralph William Preston..... Coshocton
Field of Specialization: Physics
- Richard Bruce Prior..... Leetonia
 B.A.
Field of Specialization: Microbiology
- Neal Clifford Raber..... Cleveland
 B.S. in Edu. (Kent State University)
Field of Specialization: Mathematics
- * Also Bachelor of Science in Physics, College of Engineering

- Ronald Richard Remick.....Des Plaines, Ill.
B.S.Ch.E. (Purdue University)
Field of Specialization: Chemical Engineering
- Donald Richard Rhodehamel.....Mentor
B.M.E.
Field of Specialization: Mechanical Engineering
- Thomas Dwain Sayre.....Portland
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Earl Allen Scarr.....Coshocton
B.Sc. in Med. Tech.
Field of Specialization: Pathology
- Steven William Schachter.....Columbus
B.A.
Field of Specialization: Microbiology
- David Hudson Schmidt.....Carey
B.Sc.
Field of Specialization: Microbiology
- Donald Edward Shaneberger.....Washington, N. J.
B.S. in M.E. (Lafayette College)
Field of Specialization: Mechanical Engineering
- Dharam Paul Sharda.....Ludhiana, India
B.Sc. (University of Punjab); B.V.Sc. and A.H. (Punjab University)
Field of Specialization: Animal Science
- Daniel McConnell Shellhammer.....Ashtabula
B.Sc.
Field of Specialization: Physics
- Robert Charles Shufeldt.....Kinmundy, Ill.
B.S. (University of Illinois)
Field of Specialization: Agronomy
- *Barry Lee Shultz.....Waterloo, Ind.
Field of Specialization: Welding Engineering
- Paul Robert Shutt.....Sugarcreek
B.M.E.
Field of Specialization: Mechanical Engineering
- Roberto Dias de Moraes Silva.....Piracicaba, Sao Paulo, Brazil
Eng.Agronomo (Universidade de Sao Paulo)
Field of Specialization: Poultry Science
- †Donald Alan Simons.....Columbus
Field of Specialization: Engineering Mechanics
- Harold Allan Simpson.....Alfred, N. Y.
B.E.E.
Field of Specialization: Electrical Engineering

* Also Bachelor of Welding Engineering, College of Engineering

† Also Bachelor of Mechanical Engineering, College of Engineering

- Shivashraya Singh.....Azamgarh, U. P., India
 B.Sc. (University of Gorakhpur) ; M.Sc. (Agra University)
Field of Specialization: Dairy Technology
- Charlotte Beard Slack.....Mt. Gilead
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Richard Louis Slaven.....Columbus
 B.S. (Kent State University)
Field of Specialization: Nuclear Engineering
- James Textor Smith.....Sandusky
 B.I.E.
Field of Specialization: Industrial Engineering
- William Lloyd Smith.....Lima
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Donald Edward Snider.....Lakewood
 B.Sc.
Field of Specialization: Physics
- Nancy Vesper Snyder.....Columbus
 B.Sc. in Occ.Ther.
Field of Specialization: Home Economics
- Hugh Blair Stamper, Jr.....Warren
 B.Sc.
Field of Specialization: Microbiology
- Dwight Raymond Stickney.....Cleveland
 B.Sc.
Field of Specialization: Microbiology
- Sigel Glenn Stocker.....Worthington
 B.Sc. in Agr.
Field of Specialization: Dairy Science
- John Donald Sullivan, Jr.....Los Alamitos, Calif.
 B.S. (University of Florida)
Field of Specialization: Physics
- Philip Ross Swinehart.....Springfield, Ore.
 B.S. (Oregon State University)
Field of Specialization: Electrical Engineering
- Stephen Victor Taylor.....Lancaster
 E.E. (University of Cincinnati)
Field of Specialization: Zoology
- Thomas Richard Terrell.....Elyria
 B.Sc.
Field of Specialization: Mathematics
- Michael Paul Thompson.....Orient
 B.M.E.
Field of Specialization: Mechanical Engineering

Guner Hasan Tokcan.....Denizli, Turkey
B.I.E.

Field of Specialization: Industrial Engineering

Chiu-Hsing Tseng.....Miaoli, Taiwan, China
B.M. (Kaohsiung Medical College)

Field of Specialization: Pathology

John Gill Underwood, II.....Searcy, Ark.
B.S. (Harding College)

Field of Specialization: Chemistry

David Urban.....Rices Landing, Pa.
B.S. (Waynesburg College)

Field of Specialization: Zoology

Carla Bauer Vendeland.....Columbus
B.S. (University of Cincinnati)

Field of Specialization: Zoology

Francis Anthony Via.....Frostburg, Md.
B.S. (Chem.) (West Virginia University)

Field of Specialization: Chemistry

Ivan Elmer Woltmann.....Marion
B.A.A.E.

Field of Specialization: Aeronautical and Astronautical Engineering

John Myer Woods.....Chillicothe
B.S. in Engr. (McGill University)

Field of Specialization: Industrial Engineering

Stephen Eric Wren.....Worthington
B.E.E.

Field of Specialization: Electrical Engineering

Robert Dale Zeller.....Columbus
B.Sc. in Edu.

Field of Specialization: Physics

Master of Science in Public Administration *(One candidate)*

Herbert John Shubick.....Columbus
B.S.P.H. (University of Michigan)

Field of Specialization: Political Science

Master of Social Work *(One candidate)*

Richard Dale Keyes.....Columbus
B.A.

Field of Specialization: Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council Deans: Paul G. Craig

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts
Dean: O. Lee Riggsby

College of Biological Sciences
Acting Dean: John D. Briggs

College of Humanities
Dean: Charles L. Babcock

College of Mathematics
and Physical Sciences
Dean: Geoffrey Keller

College of Social
and Behavioral Sciences
Dean: Paul G. Craig

Bachelor of Arts

(One hundred and eighty-four candidates)

Glorious Jean Aaron.....	Cleveland
Frances Augusta Allen.....	Bryan
Thurman Eugene Anderson.....	Elyria
William Lawton Arnold.....	Canfield
Pirjo Marjaana Ayranto.....	Cleveland
Geoffrey Lyle Bachert.....	Coshocton
Kurt Herold Barendsfeld.....	Cincinnati
Rosemary June Barnhart.....	Columbus
Barbara Jane Bates.....	Cincinnati
Lana Turner Bauer.....	Cambridge
Sandra Holden Bebb.....	Columbus
David Keith Beebe.....	Zanesville
Lawrence Clayton Berger.....	Kirtland
Robert Oleh Braithwaite.....	Columbus
John Bush Brengelman.....	Cincinnati
Michael Francis Buck.....	Columbus
John Christopher Burt.....	Canton
Donald Bruce Byer.....	New York, N. Y.
Susan Theresa Byers.....	Seven Hills
Stanford Lauchlin Cameron.....	Columbus
Douglas Bruce Campbell (cum laude).....	Wellington
Allen Thomas Carden.....	Summit, N. J.
Richard Lee Carlson.....	Columbus
Helene Eva Chalfin.....	Paterson, N. J.
Dianne Marie Chilmoneczyk.....	Toledo
Mary Jane Chittenden, B.Sc. in Edu.....	Columbus
Joan Mary Clark.....	Alexandria, Va.
Charles Richard Conroy.....	Columbus
Martha Ragsdale Croft (cum laude and with Distinction in History)	Columbus
Sharon Kay Cuning (cum laude).....	Mansfield
Maureen Anne Daly.....	Worthington
Patricia Dwyer Daniels.....	Delaware
Anita Marguerite Davern.....	Jacobsburg
Wayne Spencer Deri.....	Hiram
Eugene Joseph DeTemple.....	Columbus
Daniel Eugene Dever.....	Cincinnati
John Gilbert Dick.....	Columbus
Clark William Distelhorst (summa cum laude).....	Hilliard
Jean Elizabeth Dixon.....	Columbus

Douglas Reber Dunkel.....	Circleville
Karen Sue Dybvig.....	Kettering
David Stewart Elkins.....	Olmsted Falls
Escalus Emmert Elliott, III.....	Columbus
Kathlynn Duffy Espy.....	Toledo
Richard Irvin Evans.....	Coshocton
Winston James Eyster.....	Columbus
Joann Frances Fabin.....	Seven Hills
Barry Mark Fallick.....	Brooklyn, N. Y.
John Richard Fisher, Jr.....	Columbus
Elsbeth Williams Fitzgerald.....	Youngstown
Harvey Lewis Forstag.....	Cleveland
Sue Jean Frankforther.....	Maumee
Daniel Karl Friend.....	Cleveland Heights
Ruth Reed Friscoe.....	Youngstown
Ronald Froug.....	Dayton
Sara Surgenor Fuller.....	Columbus
Stewart Joel Garber.....	Cleveland
Sandra Jo Gebhardt.....	Springfield
Patricia Jean Gilchrist.....	Easton, Pa.
Timothy John Glasow.....	Elyria
George Norman Gloeckner.....	Cincinnati
Kathleen Anne Golob.....	Kettering
Barbara Meade Goodenow (with Distinction in Political Science)...	Grafton
John Robert Grady.....	Columbus
Charles Owen Green.....	Cleveland
Richard Dale Green.....	Akron
Phillip David Greenberg.....	Youngstown
John Paul Grim.....	Springfield
Karen Ann Gustafson.....	Kimberton, Pa.
Ray Leon Hamilton.....	Columbus
Loryn Rhea Hazan.....	Columbus
Jean Lynette Henne.....	Canton
James Moore Herald.....	Youngstown
Laura Jane Heywood.....	Kettering
Cheryl Ann Hoskinson.....	Stow
Paul Christopher Ickes.....	Hamilton
Ernest Jackson.....	Urbancrest
Gary Duane Jarrell.....	Ashland
Clarence Francis Jeffries, II.....	Cleveland
Robert David Johnston.....	Navarre
Gregory Robert Jordan.....	St. Marys
Herbert Richard Kahn.....	Columbus
Catherine Charvat King.....	Columbus
Merele Wayne Kinsey, B.Sc. in Edu.....	Dover
Andrew Klenotic, Jr.....	West Richfield
Marc Lee Klynn.....	Mayfield Heights
Frederich Bernard Koch.....	Springfield
William Henrik Kose (cum laude).....	Pickerington
Elizabeth Stein Kramer.....	Euclid
Clarence Ivan Large, Jr.....	Dublin
Mary Ann Lassiter.....	Baltimore, Md.
John Paul Leininger.....	Ashland
Lester Levine.....	South Euclid
*Kristine K. Lindsey.....	Bryan
Patrick Reid Linn.....	Mansfield

* Also Bachelor of Science in Education, College of Education

David William Livingston.....	Sunbury
Daniel J. Lloyd, III.....	McDermott
Rosalie Irene Lokai.....	Urbana
Jeffrey Allen Long.....	Columbus
Larry Lawrence Long.....	Wadsworth
Linda Sue Lotzoff.....	Lima
Gordon Kenneth Maben.....	Akron
Miller Stauch Makey, Jr.....	Columbus
Anthony Ralph Marsicano, Jr.....	Columbus
Michael Masonbrink.....	Mentor
Frederick Paine May.....	Mansfield
*Marjorie Ann May.....	Lakewood
Sue Carrol McClung.....	Columbus
Mary McGavran.....	Columbus
Harold Eugene Meese (cum laude).....	Northfield
Linda Elaine Mendel.....	Akron
Richard David Messerman.....	Shaker Heights
April Kerr Miller.....	Falls Church, Va.
Howard Vincent Mishler.....	Cleveland
Janet Alice Moore.....	Alexandria, Va.
Martha Christine Moorhead.....	Cumberland
Jerome Douglas Mossing.....	Columbus
Daniel Eugene Muse.....	Columbus
Larry Walton Myers.....	Arlington, Va.
David Michael Nalle.....	Rocky River
Walter Byron Nichols.....	Sylvania
Virginia Lee Nowac.....	Maple Heights
Louise Katherine Nowalk.....	East Springfield
Eglee Wanda Perez-Rodriguez.....	Columbus
Shirley Diane Petersen.....	Rocky River
Sinlei Fazzolino Pinto.....	Columbus
Gary Joseph Pizzedaz.....	Alliance
Annette Adelle Porter.....	Columbus
John Carl Porter.....	Columbus
Jeanne Connelly Preston.....	Toledo
Jacolynn Joy Pryor.....	Lancaster
Frank Edwin Pulskamp.....	Celina
Robert Frederick Rafoth.....	Youngstown
Nancy Lee Randall.....	Columbus
Gretchen Geer Ream.....	Toledo
Robert Laibe Reed, Jr.....	Dayton
*Janet Rose Regula (cum laude).....	Bedford
Howard Jay Reuben.....	Akron
Judy Augusta Rice.....	North Bloomfield
James Dwight Ripley.....	Rockford
Lynne Dell Ristow.....	Cleveland
Jerald Thomas Roback.....	Worthington
Debra Ann Rogo.....	Brecksville
Rebecca Eve Rohal.....	Parma
Lauretta Marie Rorer.....	Dayton
Jacqueline Kay Roselle.....	Columbus
Robert James Rushing.....	Vandalia
David Arthur Sachs.....	Akron
Lawrence Michael Saltis.....	Stow
Michael David Schloss.....	University Heights

* Also Bachelor of Science in Education, College of Education

John Alan Schuchmann.....	Mansfield
Bruce William Shepline.....	Wapakoneta
William John Shkurti (with Distinction in Economics).....	Akron
Stephen Judson Simmons.....	Columbus
Patricia Ann Sipe.....	Granville
Charles Gaylord Smith.....	Tully, N. Y.
Dixie Allison Smith.....	College Corner
Robert Phillip Smith.....	North Ridgeville
Ronald Eugene Sova.....	Elyria
John Albert Spencer.....	Dayton
Richard Mark Spencer.....	Atlanta, Ga.
Janis Louise Stamm.....	Mantua
Gertrude Donna Stearns.....	University Heights
Richard Dale Stearns.....	Willard
Richard Gregory Stein.....	Columbus
Nancy Lee Stone.....	Columbus
Daniel Joseph Strickland.....	Middletown
Harold Ward Strickland.....	Columbus
Susan Dee Stull.....	Mansfield
Maria Linda Tedeschi.....	Columbus
Albert Jay Teichman.....	Cleveland
Mark Eugene Tompkins.....	Akron
Daniel Alan Trees.....	Columbus
John Curtis Vice.....	Columbus
Rebecca Lane Vourlas.....	DeGraff
Reynelda Lucile Ware.....	Columbus
Linda Elise Warner.....	Mansfield
Pamela Wickham.....	Delaware
Robert Hannan Williams, Jr.....	Cincinnati
Lois Ellen Wilson.....	Circleville
Rodger Lee Wilson.....	Columbus
Robert Francis Winegarner.....	Columbus
Kristin Wollam.....	Columbus
Carol Sue Wood.....	Cincinnati

Bachelor of Science

(One hundred and two candidates)

John Hankey Agnew.....	Youngstown
Danny Lowell Alexander.....	Gahanna
Charles Fitzwater Baker.....	Worthington
Richard Geoffrey Beer.....	Mansfield
Jeffrey Barton Blanchard.....	Rochester, N. Y.
Roger Dale Blevins.....	Pataskala
Jerald Sidney Bloomberg.....	Youngstown
Ralph Stafford Branscomb.....	Columbus
Stuart Lee Brown.....	Douglaston, N. Y.
Richard Allen Buehler.....	Columbus
Jeanne Annette Buie.....	Washington, D. C.
George Hills Burger.....	Demarest, N. J.
Julie Ann Cody.....	Cincinnati
James Lewis Culberson.....	Grove City
Claude Lemont Dallas, Jr.....	Cincinnati
James Palmer Dearing.....	Columbus
Richard Anton Dolfi.....	Steubenville
Anthony Joseph Donofrio.....	Youngstown
Kenneth Bernard Doty.....	Delaware
Sandra Ann Drabik.....	Toledo

Dennis Edward Dwyer.....Canton
 James Wayne Dye.....Heath
 Charles Joseph Elliott, Jr.....Marion
 Phillip Dean Endicott.....Van Wert
 Mark Richard Engelman.....Columbus
 Michael Vernon Fair.....Wooster
 William Louis Farno.....Minster
 Kevyn Ferry (cum laude and with Distinction in Zoology) .New York, N. Y.
 Lawrence Stuart Finegold.....Kettering
 Robert Edison Fox, II.....Columbus
 Bruce Albert Frasz.....Mansfield
 James William Garrett.....Columbus
 Robert Joseph Gerberry.....Youngstown
 Deborah Anne Grimes.....Fairborn
 Scott Clinton Hallsted.....Cincinnati
 Thomas Roger Hammond.....Middletown
 Earl Covert Harris.....Dayton
 James Bentley Hatcher.....New Concord
 Thomas Mitchell Hewlett.....Columbus
 Sara Sharpe Hilbert.....Columbus
 Johnny Marvin Hobgood.....Columbus
 Ronald Keith Hodgson.....Utica
 Robert Edward Hodson.....Columbus
 Barbara Jean Hoffman.....Columbia, S. C.
 Robert Douglas Ingram.....Brice
 Robert Paul Jacobson (cum laude).....Canton
 Sophie Thandiwe Jamakanga.....Salisbury, Rhodesia
 Donald Richard Jansen.....Garfield Heights
 Richard Lee Jolley.....Columbus
 Henry Alan Ker.....Columbus
 John Allan Kindler.....Cleveland
 Charles Edward Kopp.....Portsmouth
 John Burkey Krupko (with Distinction in Zoology)McDonald
 Daniel Richard Leahy.....Tiffin
 Stephen Victor Lee.....Dayton
 Ronald Dean Lehman.....Westerville
 Norman David Leppert.....Galena
 Marc Levine.....Westbury, N. Y.
 Richard Woodrow Lewis.....Newark
 Carol Annette Liskai.....Woodville
 Paul Thomas McCauley.....Worthington
 Ronald Bruce Meikle.....Arlington Heights, Ill.
 Stephen Victor Mendelson.....Brooklyn, N. Y.
 Robert Brent Miller (summa cum laude)Troy
 Paul William Morganski.....Columbus
 Thomas George Morris, Jr.....Cincinnati
 Marilyn Carol Moss (cum laude).....Canton
 Joseph Anthony Murphy.....Lima
 Randall Dean Myers.....Columbus Grove
 Carol Ann Neff.....Columbus
 Darwyn Wallace Reid Newcomb.....Princess Anne, Md.
 Theodore William Nichting (cum laude)Hamilton
 Franklin Casimir Nowicki.....Scranton, Pa.
 Robert Wesley Nutter.....Springfield
 Kenneth Lee Pavkov.....Doylestown
 Michael Polasky.....Cleveland

William Verl Reichert.....	Delaware
Robert Stephen Rhodes.....	South Charleston
Thomas Lee Ruckman.....	Lexington
Robert Sanitra.....	Amsterdam
Fred Ogden Schadle.....	Georgetown
Carole Hauss Schuller.....	Audubon, N. J.
David Lloyd Shotts.....	Columbus
Gerald Lewis Sirkin.....	Cleveland Heights
David Heber Slack.....	Zanesville
James Edwin Smith.....	Mansfield
Jeffrey Richard Stave.....	Fair Lawn, N. J.
Stanley Waldron Steers.....	Cincinnati
Tommy Dexter Stiefel.....	Bucyrus
Ted William Storck (cum laude).....	Hamilton
Martin Ray Taubman.....	Troy
Carolyn Peters Thomas.....	Columbus
Darbbie Jayne Thomas.....	East Liverpool
Dennis Wayne Thomas.....	Quaker City
James Richard Tomcik.....	Columbus
Dale Cyril Traven.....	Euclid
Richard Cornelius VanVeen.....	Rochester, N. Y.
William Dennis Walden, Jr.....	Shaker Heights
William Steven Waldman.....	Cleveland
Patrick Louis Weidner.....	Barberton
John Edward Wilcheck, Jr.....	Worthington
Dennis Duane Zaebst.....	Galion

College of The Arts

Dean: O. Lee Riggsby

Bachelor of Fine Arts

(Eighteen candidates)

Jacqueline Juanita Callahan.....	Springfield
George Russell Daniels.....	Van Wert
Karen Mae Deutsch.....	Cincinnati
Thomas John Diehl.....	Lima
Ann Marie Dobmeyer.....	Coldwater
Alice Hoffman Erb (cum laude).....	Columbus
David Alan Hardbarger.....	Columbus
Jeanne May Hofmann.....	Painesville
Julia Lavercombe Kish.....	Cincinnati
Marcia Louise Matthews.....	Chagrin Falls
Donna Rae Nelson (cum laude).....	Columbus
Thomas Michael Rask.....	East Cleveland
Mary Louise Ricker.....	Columbus
Diana Claire Snider.....	Cincinnati
Stuart Jay Spohn.....	Columbus
John Alan Sturgess.....	Mt. Vernon
Susan Schaeffer Uteley.....	Columbus
William Charles Warden.....	Elyria

Bachelor of Music

(One candidate)

Walter Belinsky.....	Cleveland
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College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts in Journalism

(Seven candidates)

Mary Bilderback Abel.....	Akron
William Thomas Benham.....	Springfield
Donna Kay Copen.....	Geneva
Joseph DeRoy Keefer.....	Washington C. H.
Gloria Tritten Richardson.....	Lisbon
James David Waltermire.....	Cuyahoga Falls
Judith Ellen Woodyard.....	Columbus

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

(One hundred and thirteen candidates)

Edward John Arent.....	Columbus
Richard Edward Arlen.....	Utica, N. Y.
Larry Ray Badger.....	Columbus
Stanley Baiman (summa cum laude).....	Mayfield Heights
Richard Warren Boggs.....	Hamilton
James Frank Bohnlein.....	Lima
Jeffrey William Bolte.....	Hillsboro
Robert Boyd Boreman.....	Ashland
Ronald Allan Borland.....	Maple Heights
Gregory William Brose.....	York, Pa.
William Thomas Butt, Jr.....	Dayton
David Wesley Camp.....	Wilmington
Joel Roderick Campbell.....	Brecksville
Rodney Louis Campbell.....	Cincinnati
Paul Lloyd Carver.....	Massillon
Donald Leroy Casper.....	Worthington
Thomas Maxwell Chamberlain.....	North Lewisburg
Joel Thomas Christman.....	Huron
Craig Allison Church.....	Columbus
Robert Burns Clement.....	Wapakoneta
Richard Lee Conrad.....	Columbus
James Elijah Crews.....	Columbus
Michael Joseph Diamond.....	Columbus
Nicholas Joseph DiBartolomeo.....	Euclid
Jeffrey Jonathon Doppelt.....	Mansfield
Gene Frank Douthat.....	Portsmouth
Joseph Jude Dusablon.....	Chicago, Ill.
Donald William Dwyer.....	Lima
Thomas Laman Esper.....	Vermilion
Kent David Fister.....	Cincinnati
Randolph Baxter Foster, III.....	Detroit, Mich.
George Wallace Fox, III.....	Mansfield
Lloyd Harley Frazier, Jr.....	Blacklick
John Lawrence Freeman.....	Syracuse, N. Y.
Dennis Peter Frolin (summa cum laude).....	Parma
Sue McInnis Fry.....	Columbus
Dewey Arthur Garner.....	Columbus
John Pete Georgiton.....	Columbus
David Nicholas Gerko.....	Byesville
David Lee Goldenberg.....	Dayton
Jack Lee Goodman, Jr.....	Abilene, Tex.
Mary Lucretia Griffith.....	Girard
James Leo Grosskopf (cum laude).....	Burton
David Raymond Heinzen.....	Savannah, Ga.
William Joseph Hennessy.....	Cleveland
James Waldron Hertsch, Jr.....	Franklin
James Hylas Hilliard.....	Columbus
Wilmer Frederick Hosket.....	Dayton
Anthony Edward Incorvia.....	Ashtabula

Melvin Martin Jacobs.....	Beachwood
McKenna Shelton Jordan, Jr.....	Charleston, W. Va.
Darryl Lynn Kasprowski.....	St. Clairsville
Edward John Kelly.....	Springfield
Alan Steven Kessler.....	Columbus
Michael Wayne LaPaglia.....	West Jefferson
Eric Charles Larsen.....	Euclid
Alan Patrick Laszlo.....	Columbus
Raymond Rockey Latham, Jr.....	Columbus
Michael John Lesko, Jr.....	Cleveland
James Henretty Leste.....	Columbus
Harold Lee Levin (cum laude).....	Baltimore, Md.
Richard John Linden.....	Worcester, Mass.
George Gregg Lindsey.....	Columbus
Stephen James Lisak.....	Yardley, Pa.
William Earl MacEwen, III.....	Cleveland
Gerald Francis Mann.....	Toledo
Larry Joseph McCartney.....	Dayton
Raymond Albert Meister.....	Cleveland
David Edward Meredith.....	Yellow Springs
William Leonard Meyer.....	Grove City
Lawrence Miller.....	Toledo
Olinda Edna Morris.....	Canton
Edward Lee Morrissey.....	Lima
Richard Frederick Norris (cum laude).....	New Albany
Charles Joseph Olimpio.....	South Plainfield, N. J.
Charles Eugene Ortlieb.....	Columbus
Joseph Paul Pavlik.....	Waterville
Esko Emil Pelttari.....	Conneaut
Gregory Lynn Pepple.....	Lima
Ralph Joseph Perk, Jr.....	Cleveland
Frank Louis Perrin.....	Clyde
Larry Richard Plum.....	Circleville
Donald William Pritchard.....	Bay Village
Richard E. Retterer.....	Richwood
Raymond Louis Rettinger, Jr.....	Cincinnati
John Michael Riddles.....	Olmsted Falls
John Garner Ritchey.....	Zanesville
David Paul Romig.....	Warren
Walter John Roth, Jr.....	Mansfield
Georgiana Kay Salco.....	Westlake
Dennis Gail Shaffer.....	Mansfield
Geoffrey Lee Shaw.....	Lakewood
Robert Franklin Sheldon.....	Lima
Bruce William Shewmaker.....	Columbus
Lawrence Jay Shoemaker.....	Lima
Jeffrey Lynn Smalley.....	Mansfield
Emery William Smith.....	Cleveland
Russell Franklin Smith, Jr.....	Columbus
Robert Leonard Sobota.....	Cleveland
Donna Louise Sowolla (cum laude).....	Maple Heights
Paul Conner Steinfurth.....	Columbus
Richard Michael Stewelberg.....	Shaker Heights
John Payne Stockwell.....	Bryan
Richard Brian Stratton.....	Salem
Thomas Lea Tibbals.....	Columbus

John George Todor.....	Canton
Robert Wayland Uhl.....	Columbus
Frank Nicholas Verb.....	Oak Harbor
Patricia Jean Vrabel.....	Youngstown
Arthur Mitchel Wheeler.....	Columbus
Howard Wilson Young.....	LaRue
Gary Michael Zazula.....	Canton
Sandor Zoldan.....	South Euclid

School of Social Work

Bachelor of Science in Social Welfare

(Thirty-five candidates)

Julie Jeanne Banta.....	Los Angeles, Calif.
Carol Ann Barr.....	Mansfield
Barbara Lou Buchanan.....	Columbus
Cheryl Meinrod Carey.....	Columbus
Helen Robinson Cummings.....	Columbus
Sherril Blumert Diamond.....	Euclid
Judith Barbara Eitelberg.....	South Orange, N. J.
Donna Daye Everitt.....	Mariemont
Barry Eugene Everly.....	Marion
Gary Nathen Fink.....	Cleveland
Alan Jeffrey Gilbert.....	Cleveland
Suzanne Marie Kohl.....	Lakewood
Elizabeth Haag Kulow.....	Mentor
Jacqueline Ann Kushner.....	Rossford
Terri Ethel Lev.....	University Heights
Sheryl Ann Levine.....	Portsmouth
Valerie Smith Milless.....	Columbus
Robert Dana Moorehead.....	Westerville
Donna Ann Myers.....	Columbus
Judy Parks Parker.....	Grafton
Princie Carolyn Ratliff.....	Marion
Frederick Michael Ringenburg.....	Grove City
Karen Marie Ruffin.....	Louisville
Deborah Ann Runde.....	Columbus
Susan Diane Schie.....	Wooster
Marjorie Anne Schwartz.....	Oceanside, N. Y.
Linda Cardi Showalter.....	Columbus
Andria Figowitz Siegler.....	Cleveland Heights
Margaret Denyse Smith.....	Columbus
Sharon Lee Smith.....	Columbus
Dana Tabscott.....	Cincinnati
Patricia Ann Tille.....	Findlay
Helen Louise Walsh.....	Columbus
Joan Alice Wolak.....	Canton
Lynne Ann Work.....	Columbus

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

(Thirty-four candidates)

David Paul Amorose.....	Dublin
Erwin Parker Bauer.....	Columbus
Donald Leroy Boger.....	Kenton
Nancy Mills Brown.....	Reynoldsburg
William Lawrence Coe.....	Mt. Vernon
Robert Webster Core.....	Rushsylvania
Dennis Merle Cox.....	Convoy
Donald Dean Dilgard.....	Ashland
Joan Ingles Eyerman.....	Worthington
Stephen Patrick Farrell.....	Columbus
James Lee Fite.....	Georgetown
Douglas Jay Friedlander.....	Columbus
Merlin Ray Funderburg.....	New Carlisle
Tommy Wayne Garrison.....	Seaman
David Gerald Gibson.....	Hudson
Handy Dale Hatfield.....	Stoutsville
Jeanne Elizabeth Hummer.....	Plainview, N. Y.
Paul Gene King.....	Pandora
Karen Lu Kolleda.....	Cleveland
Paul Richard Krausman.....	Westerville
Stanley Ray Lifer.....	Danville
Gary Lee McQuinniff.....	Washington C. H.
Wendell Lee Montgomery.....	Newton Falls
Douglas Walker Morgan.....	Hamilton
Michael Leroy Price.....	Union City
Timothy Lewis Reichert.....	Groveport
Marvin George Rizer.....	LaRue
Frederick William Sandroek, III.....	Oak Harbor
Edwin Ross Schubert.....	Alvada
Jerry Lee Shoup.....	Wooster
Thomas Lee Stoll.....	Marshallville
Frances Ulle.....	Euclid
Paul William Winks.....	Columbus
Edgar Paul Yoder.....	Millersburg

Bachelor of Science in Dairy Technology

(Two candidates)

Michael Edward Neal.....	Dayton
Robert Vernon Strayer.....	Maumee

Bachelor of Science in Food Technology

(Two candidates)

William Thomas Huddle.....	Waverly
Harold Ross.....	Columbus

Bachelor of Science in Nutrition

(One candidate)

Jerry Lee Pearson.....	West Milton
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School of Home Economics

Bachelor of Science in Home Economics

(Twenty-seven candidates)

Linda Lee Allport.....	Painesville
Karen Alice Bartlett.....	Columbus
Carolyn Allion Baughman.....	West Unity
Beverly Lee Beck.....	Clifton
Joanne McKibben Bowsher.....	Lima
Sheila Margaret Burns.....	Detroit, Mich.
Georgianna Ballard Clark.....	Cincinnati
Virginia Yeoman Dutton.....	Caledonia
Rebecca Evans Fadis.....	Columbus
Mary Frances Frye.....	Gallipolis
Mary Kay Heidorn.....	Marysville
Diane Thomas Hoebler.....	Columbus
Susann Leigh Koning.....	Bucyrus
Jan Lamp.....	Worthington
Terry Lucas Leland.....	Arlington, Va.
Connie Sue Lewis.....	Piqua
Janet Druen Marshall.....	Mentor
Kathleen Marie O'Byrne.....	Evanston, Ill.
Julia Jane Oder.....	North Lewisburg
Rebecca Finlaw Paul.....	South Zanesville
Carole Anne Peterson.....	Toledo
Mary Carter Pond.....	London
Patricia Evelyn Purcell (cum laude).....	Painesville
Barbara Kuntz Robinson.....	Columbus
Anne Taylor.....	Columbus
Virginia Lee Todd.....	Cincinnati
Ann Heslar Tweddle.....	Georgetown

Bachelor of Science in Restaurant Management

(One candidate)

John Sidney Dent.....	Columbus
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College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

(Nine candidates)

John Richard Carle, B.S. (Xavier University)	..... Toledo
David Ross Carman	..... Addison
Melvin Lee Davis	..... Wellston
Jerome Barnett Gilreath	..... Bryan
Thomas Reginald Groff	..... Dayton
Stuart Jay Kessler	..... Shaker Heights
Michael Carter Sherwood	..... Avon Lake
Darrell Thomas Tooker	..... South Charleston
Kent Mills White, B.S. (Ohio University)	..... Jackson

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

(Two hundred and sixty-six candidates)

Johanna Abernathy.....	Columbus
Sacha Wilhelm Adams.....	Fairborn
Norma Doneghy Anderson.....	Columbus
Thomas Nelson Applegate.....	Worthington
Sandra Kay Arnold.....	Clarendon, Pa.
Constance Kent Aten.....	Independence
Mary Susan Averill.....	Massillon
Ellis Claybourne Bailey.....	Columbus
Susan Loula Baker.....	Columbus
Dianne Crary Barney (cum laude).....	Westerville
Marylynne Herron Bauder.....	Columbus
Randy Mark Bauer (summa cum laude).....	Cleveland Heights
Terrance Ray Baughman.....	Kenton
Betsy Dunn Becker.....	Brunswick
Lois Jane Bender.....	Bellville
Thomas Robert Berg.....	Dayton
Dennis J. Berryman.....	Grover Hill
Carol Gilson Biggs.....	Columbus
Donald Norman Bigler.....	Cleveland
Barbara Anne Black (cum laude).....	Columbus
Roger Lee Bontrager.....	Wapakoneta
Edward Louis Bowe.....	Bradner
Joan Condon Bowerman.....	Fairview Park
Marilyn Lucille Brenner.....	Canal Winchester
Marilyn Breslow.....	Lincoln, Neb.
Dorothy Averbook Brown (cum laude).....	Columbus
Phyllis Louise Brown.....	Dayton
Guy Anthony Bruno.....	Lima
Donald Carl Burger.....	Columbus
Elizabeth Hicks Burley.....	Columbus
Charles David Butte.....	Columbus
Marcia Lauffer Buxton.....	Columbus
Joan Wilhelm Byers.....	Bryan
Shirley Rasor Celestino.....	Bradford
Carolyn Hoover Cernea.....	Cleveland
Jacque Wolfe Clark.....	Fairborn
Sharon Anne Clark.....	Dayton
Connie Powell Cline.....	Lima
Janet Louise Cline.....	Dedham, Mass.
Robert Lough Conhaim.....	Dayton
Betty Brown Cook (summa cum laude).....	Lima
Donald James Cook, Jr.....	Williamsport
Steven Douglas Craig.....	Mt. Victory
Carolyn Sue Cross.....	Mansfield
Walter Joe Cummins.....	New Bremen
Michael Clyde Daily.....	Toronto
Laura Young DaPore.....	Piqua
Ann Elizabeth Darnbrough.....	Gallipolis
Timothy J. Davis.....	Columbus
Dana Fletcher DeGroot (cum laude).....	Traverse City, Mich.

Peter Patrick Demyan.....	Lorain
Barbara Gleason Dodez.....	Akron
Nancy Stevenson Downs.....	Worthington
Sandra Minarcin Dwyer.....	Rossford
Vickie Day Eaton.....	Mt. Vernon
Jane Pfouts Edwards (summa cum laude).....	North Canton
Mary Louise Barnard Efland.....	Columbus
Jana Lou Elmore.....	Shelby
Deirdre Chrismer Elshire.....	Wapakoneta
Frances Faye English.....	Findlay
Margaret Dailey Evans.....	West Union
William Wayne Faiella.....	Columbus
Robert Thomas Faist.....	Perrysburg
Donna Jeanne Feaster.....	Urbancrest
Ellyn Feren Feldman.....	Cleveland
Sue Schelat Ferbrache.....	Marietta
Bernadette Marie Ferris.....	Columbus
Keith Edward Fillinger.....	Columbus
Mary Paulette Fix (cum laude).....	Columbus
Diana Miller Fox.....	Waynesville
Doris Sarah Frankel.....	Cleveland
Susan Turk Freed.....	Euclid
Linda Joyce Fried.....	Cleveland Heights
Margareta Elizabeth Frisch.....	Columbus
Elizabeth Latham Fry.....	Massillon
Rex Maxwell Fuller.....	Columbus
John Charles Gaeke.....	Bucyrus
Sandra Jean Gannon.....	Cleveland
Martha Elizabeth Garvin.....	Columbus
Yvonne Kay Giauque.....	Millersburg
Donna Marie Gilmore.....	Columbus
Grace Gerard Gintling.....	Columbus
Margaret Louise Godbey.....	Columbus
Barbara Sue Gray (cum laude).....	Shaker Heights
Adrienne Paula Gross.....	Massapequa, N. Y.
Madeleine Guggenaster.....	Columbus
Pauline Baloy Haring.....	Mansfield
George Cockett Harkness.....	Roosevelt, N. Y.
Marcia Ann Harman.....	Worthington
Magda Poutakoglou Harrison.....	Mansfield
Georgetta Hartman.....	Bryan
Pamela Lynn Harvey.....	Clarksville
Diana Detrick Heath.....	Cridersville
Jacqueline Heath.....	Mentor
Susan Beth Hedger.....	Lima
Marlinda Sue Herron.....	Alliance
William B. Hetrick, Jr.....	Columbus
Thelma Kirk Highfield.....	Columbus
Bettina Claire Hill.....	Grand River
Linda Joanne Hillis.....	Columbus
William Floyd Hinkle.....	Seven Hills
Bonnie Devish Hircock.....	Columbus
John Joseph Hoffman.....	Columbus
Robert Louis Holder.....	Canton
Carolyn Sue Hook.....	Steubenville
James Dennis Horn.....	Galion

Kathy Lynn Horner.....	Cincinnati
Joan Ellen Horwitz (cum laude).....	Dayton
Linda Jean Howe.....	Columbus
Connie Martin Howland.....	Union
Dennis Glenn Howman.....	Wooster
Theodore Langhans Hubbard.....	Columbus
Patricia Bradley Hussey.....	Columbus
Laverne Ingram.....	Shelby
Donna Lehman Isroff.....	Miami, Fla.
Joanne Eleonore Jacobs.....	Columbus
Sandra Sue Johnson.....	Columbus
Anita Darline Cook Jonason (summa cum laude).....	Amarillo, Tex.
Carren Chaney Jones.....	Wilmington
Laura Lewis Jones.....	Columbus
Linda Marrs Jones.....	Columbus
David Lee Katterhenrich.....	Bucyrus
Charles D. Kellar.....	Columbus
Jean Lois Kessler.....	University Heights
Susan Ray Kibbey.....	Columbus
David Walter Kimball.....	Columbus
Mary Kathryn King.....	Coshocton
Edwin Alan Kitchen.....	Lancaster
Frederick Louis Koenig.....	Wapakoneta
Joseph Michael Krann.....	Cleveland
Elaine Olson Kurtz (cum laude).....	Circleville
Alice Lee Lacher.....	Delaware
Nancy Hackney Laughbaum.....	Chatfield
*Kristine K. Lindsey.....	Bryan
Donna Roe Lockert.....	Akron
Sara Elizabeth Warren Long.....	Pataskala
Jean Gable Lucke.....	Delphos
Ronald Edgar Lumm.....	Newark
Sylvia J. Bernardini Lundin.....	Springfield
Mary Jean Lustnauer.....	Columbus
Jane Baxter Malishenko.....	Crestline
Richard Lynn Mann.....	Westerville
Wanda Suladie Mascio.....	Cleveland
Marilyn Nearing Mason.....	Dayton
*Marjorie Ann May.....	Lakewood
Richard DeWayne McClellan.....	Columbus
Eleanor Osbun McClure.....	Dublin
Rebecca Hopper McGilvery.....	East Liverpool
Joseph Theodore McQuaide, B.Cer.E.....	Canton
Judith Schwartz Mellman.....	Columbus
Lawrence Edmund Mertens.....	Cincinnati
Richard John Miletic.....	Mt. Vernon
Christine Foltz Miller.....	Wapakoneta
Laurel Smucker Miller.....	Archbold
Marcella Harden Millikin.....	Mansfield
Audry Perkins Minschew, B.S. in Nursing (Northwestern University)	
	Columbus
Patricia Ann Mitchell.....	Columbus
Thomas Leigh Mooney.....	Shaker Heights
Harold William Morrison, B.A.....	Canton
Harry James Mulholland, Jr.....	Columbus

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Suzanne Miller Murr.....	Dayton
Kathleen Sue Neaman.....	Worthington
Pamela Joy Nickel.....	Milford
William Chalmers Nickell.....	North Canton
Richard Dean Niece.....	Kent
James Ray Oakes.....	Coshocton
Gloria Beth Olson.....	Venetia, Pa.
Cheryl Bartos Orebaugh (summa cum laude).....	Euclid
Lee Esther Owings.....	Mansfield
Renee Tamler Palnik.....	Cleveland
Frances Ann Pandolfo.....	Columbus
Jon Minor Pauff.....	Lima
Bette Weinstein Pereira.....	Massapequa, N. Y.
Richard Lee Pereira.....	Diamond
Edward James Pfeifer.....	Amherst
Tom M. Pitney.....	McComb
Suzanne Joy Plotkins.....	Pittsburgh, Pa.
Ellene Grimmett Plymale.....	Hilliard
Andre Curtis Powell.....	Columbus
Elizabeth Jewell Quinn.....	Willoughby
Fredda Merle Rakusin.....	Akron
Jerome Thomas Rampelt.....	Parma
Grace Christine Ransom.....	Mt. Vernon
Karen Esther Rasor.....	Troy
Emma E. Reed.....	Dexter City
*Janet Rose Regula (cum laude).....	Bedford
Susan Lee Reicheldorfer.....	Circleville
Bronwynn Ruth Rieppel.....	Worthington
Edward Benjamin Riley.....	Columbus
Beverly Kerns Rinehart (summa cum laude).....	Piqua
Sandra Moore Risdon.....	Columbus
Carolyn Ann Roberts.....	Cleveland
George Lewis Rogers (cum laude).....	Hilliard
Carol Sue Rowe.....	Archbold
Joyce Dorothy Ruedebusch.....	New Bremen
John Frederick Salisbury.....	New Vienna
Thomas Alden Savon.....	Bay Village
John Edward Schmidlapp.....	Piqua
Michael Eugene Schoonover.....	Columbus
Elaine Lynn Schwartz.....	Cincinnati
Joyce Hommon Scofield.....	Amlin
Sharon Banbury Shoaf.....	Columbus
Elizabeth Mary Shough.....	Bryan
Sandra Lee Dahling Simpson.....	Dayton
Cynthia Jean Sirk.....	Chicago, Ill.
Pamela Karen Skinner.....	Delaware
Richard Lee Slack.....	Marion
David Lee Slager.....	Laurelville
Franklin Elwood Slagle.....	London
Marilyn Ann Smith.....	Columbus
Sharyn Waldo Smith.....	Ironton
Virginia Louise Smith.....	LaFayette
Karen Frey Snouffer.....	Worthington
Diane Lynne Spevack.....	University Heights
Marcia Joyce Squier.....	Rochester, N. Y.

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Norma Louise Starr.....	Lima
Alyce Stathakis.....	Albertson, N. Y.
Sandra Small Stewart.....	Columbus
Joyce Ann Store.....	Columbus
Susan Carol Strayer.....	Sidney
Cheryl Ann Strobel.....	Wintersville
Judd Wellington Stroud.....	Shaker Heights
Carol Renee Sudman.....	Cleveland
Christina Ann Supp.....	Columbus
Sally Moore Sutton.....	Delaware
Jonathan Leigh Tafel.....	Narberth, Pa.
Elizabeth Ann Tankovich.....	Columbus
Bessie Millar Tedrick.....	Pickerington
Dorothy Jean Tenhundfeld.....	Cincinnati
Leslie Jan Thackara.....	Hamilton
Will Carter Thomas, Jr.....	Lima
Linda Kay Thompson.....	Newark
Dennis Lee Ulrich.....	Ridgeway
Suzanne Irene Vance.....	Akron
Dennis Robert Vauter.....	Willoughby
Marie Annette VonderEmbse.....	Lima
William John Vorlicky.....	Bedford
Sharon Arlene Wagner.....	Troy
Richard Bryan Wallick.....	Columbus
Ronnie Jane Walters.....	Babylon, N. Y.
JoAnne Marie Warren.....	Toledo
Arthur Raymond Weinle.....	Cleveland
Pamela Ann Weisman.....	Toledo
Julie Ann Wentzel.....	Columbus
Joan Hitz White.....	Granville
Thomas Lynn White.....	Lima
John David Whittington.....	Lima
Delbert Lee Williams.....	Wellsville
Janice Marie Williams.....	Upper Sandusky
Judith Ann Williamson.....	Irondale
Linda Lu Wilson.....	Columbus
Mary Mullaney Winter.....	East Liberty
Deborah Huntoon Wiseman.....	Mentor
Linda Sue Wolfe.....	Columbus
Elizabeth Miller Wood.....	Lancaster
Constance Herd Wooddell.....	Columbus
Nancy Scheneman Woodruff.....	Akron
Charles Edgar Workman.....	Columbus
Carolyn Sue Wright.....	Columbus
Linda Lautzenheiser Yaeger.....	Louisville
Eve Anne Yaw.....	Columbus
Janis Kay Younker (cum laude).....	Marblehead
Janice Lee Yug.....	Wickliffe
Robert Wayne Zelch.....	Kent
Sydney Lou Zimmerman.....	Lakewood
Barry James Zwiebel.....	St. Marys

College of Engineering

Dean: Harold A. Bolz

Bachelor of Agricultural Engineering

(Two candidates)

Dika Ann Irelan.....Clarksville
Roger Lee Villers.....New Milford

Bachelor of Ceramic Engineering

(Four candidates)

James Allen Browning.....Columbus
William John Dandalides.....Lorain
James Emery Houseman (cum laude).....North Canton
Jack David Sibold.....Lima

Bachelor of Chemical Engineering

(Seven candidates)

Geoffrey Andrew Lindsay.....Columbiana
Paul Richard Michl.....Coshocton
Herbert Alfred Newhouse.....Galion
Dudley Kenneth Reese, Jr.....Canfield
John Michael Salladay (cum laude).....Portsmouth
Douglas Edwin Smith.....Akron
David John Walters.....Lima

Bachelor of Civil Engineering

(One candidate)

Donald Elliot Risser.....West Chester, Pa.

Bachelor of Electrical Engineering

(Three candidates)

Gregory Lon Martin.....Portsmouth
Walter Tobin McCracken (cum laude).....Columbus
James Allen Morris.....Upper Sandusky

Bachelor of Industrial Engineering

(Fourteen candidates)

James Lawson Allen.....Gates Mills
Brian Lewis Belt.....Wadsworth
John Francis Connolly.....Columbus
Thomas Stanley Dupaski.....Columbia Station
Edward Anthony Glebock.....Cleveland
Steven Eugene Gozelanczyk.....Lakewood
Kenneth Neal Harper.....Chillicothe
Kit Lamar Kramer.....Canton
William Robert Leland.....Dayton
William Scott Madsen.....Mentor
Thomas Joseph Shea.....Springfield
Bachir Toubal-Seghir.....Medea, Algeria
Ronald James Vojir.....Seven Hills
John Carl Ward.....Lockport, N. Y.

Bachelor of Mechanical Engineering (Five candidates)

Arthur Newton Horr, III (summa cum laude).....Portsmouth
Daniel George Maher.....Lakewood
John Richard Overturf.....West Jefferson
Michael Philip Schumann.....Chillicothe
*Donald Alan Simons (summa cum laude).....Columbus

Bachelor of Metallurgical Engineering (One candidate)

Edward Joseph Franz.....Columbus

Bachelor of Science in Physics (Two candidates)

*Ralph William Preston (summa cum laude).....Coshocton
William Henry Robinette, Jr.....Saint Albans, W. Va.

Bachelor of Welding Engineering (Two candidates)

Richard Lamont Frohlich.....Columbus
*Barry Lee Shultz.....Waterloo, Ind.

School of Architecture

Bachelor of Architecture (Two candidates)

Charles Jay Bornheim.....Columbus
Peter Geza Homorody.....Columbus

Bachelor of Science in Architecture (One candidate)

William Franklyn Motts.....Northfield

Bachelor of Landscape Architecture (One candidate)

Roger Dale Hubbell.....Pataskala

* Also Master of Science, Graduate School

College of Medicine

Dean: Richard L. Meiling

Doctor of Medicine

(Four candidates)

Robert Knight Anzinger, B.S. (University of Notre Dame) Springfield
Robert Henry Broomall, B.Sc. Salem
Alan Bunin, B.S. (Union College) Cleveland Heights
Richard David Gerson, B.S. (University of Wisconsin) Springfield

School of Allied Medical Professions

Bachelor of Science in Medical Technology

(Five candidates)

Janet Louise Boyer Toledo
Jane Marie Huttenlocher Huron
Drinda Lee Maxwell Columbus
Linda Jo Ogle Akron
Marjorie Ellen Suchy Willowick

Bachelor of Science in Occupational Therapy

(Twelve candidates)

Sandra Ruth Barnett New Providence, N. J.
Mary Elizabeth Beatty Greenfield
Suzanne Lee Chase Columbus
Anita Ellen Fossie (cum laude) Avon
Mary Virginia Garbesi Adena
Mary Elizabeth Kroeger Norwood
Sally Lee Mohaupt Cuyahoga Falls
Sharon Kay Mahoney Barnesville
MaryLou Nigh Hilliard
Joan Snyder Schafer Port Clinton
Ronda Kay Sherer Worthington
Jeanne Stull Stancel Chagrin Falls

Bachelor of Science in Physical Therapy

(Two candidates)

Timothy Keith Hemmer Avon
Carol Ann Rice Huntington, W. Va.

Certificate of Graduate Physical Therapist

(Three candidates)

Robert Lloyd Endres, B.Sc. in Edu. Columbus
Patrick John Mahoney, B.S. (University of Toledo) Toledo
Ann Sue Rammler, B.S. (Lakeland College) Kettering

School of Nursing

Bachelor of Science in Nursing

(Twenty-three candidates)

Marjorie Lynn Armbrust.....	Washington C. H.
Catherine Ann Baker.....	Ashtabula
Beth Marie Buckles.....	South Point
Carol Marie Conrad.....	Columbus
Carol Marie Coppins.....	Columbus
Kathleen Landshof English.....	Canton
Susan Loretta Grogan.....	Columbus
Jo Anne Paisley Jacobson.....	Washington C. H.
Sandra Jean Kee.....	Pittsburgh, Pa.
David Stanley Kulow.....	Hubbard
Mary Jo Lyons.....	Rocky River
Sylvia Erickson Marcum.....	Painesville
Jean Andrea Matthey.....	Huron
Janice Lou Nausner.....	Willowick
Rosemary Patrick.....	Cleveland Heights
Linda Jane Quass.....	Canton
Margaret Lynn Schriver (cum laude).....	Reno
Lois Ann Smith.....	Columbus
Sharon Winkler Soliday.....	Willshire
Joyce Marie Tyler.....	Highland Heights
Nicki Lynn Voich.....	Hopedale
Stevelyn Kondrewych Williams.....	Burton
Linda Sonnhalter Wooton.....	Mogadore

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Wooster, Ohio, September 12, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, September 12, 1968, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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September 12, 1968 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Renaming of Buildings

With the concurrence of the President's Cabinet, President Fawcett recommended that the following two buildings be renamed as indicated below:

1. The building located at 190 West 19th Avenue now identified as the Industrial Engineering Building be renamed the "Welding Engineering Laboratories." Dean Harold A. Bolz of the College of Engineering reports that the Department of Welding Engineering will occupy 85 percent of the building and that the Department of Welding Engineering is most anxious to have its name identified with this building. The Welding Engineering curriculum has world-wide recognition and is now in the tenth year of full accreditation by the Engineers Council for Professional Development.
2. The building located at 174 East 18th Avenue be named the "Alpheus Smith Laboratory of Physics" rather than the "A. W. Smith Laboratory of Physics." The Department of Physics has reported that the use of "A. W. Smith" presents some ambiguity, since there have been two other widely known physicists, contemporaries of Alpheus Smith, to whom this designation might apply: Professor Alva W. Smith of The Ohio State University and Professor Arthur W. Smith of the University of Michigan. Additionally, on this campus Dean Smith for whom the building was named was known as "Alpheus Smith" rather than "A. W. Smith."

This recommendation is in accordance with the By-Laws of the Board of Trustees.

Upon motion of Mr. Ketterer, seconded by Mr. Jones, the Board of Trustees approved the above recommendation by unanimous voice vote.

B. Transfer of University Funds Held as "Irreducible Debt of the State of Ohio" to the University Investment Portfolio

On August 29, 1968, the Auditor of State transmitted to the University a check in the amount of \$4,764,460.28, closing out the Irreducible Debt of the State of Ohio, pursuant to constitutional changes voted by the people of Ohio on May 7, 1968, and parallel Federal Legislation (Public Law 90-304) passed by the Congress of the United States on May 13, 1968.

September 12, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Transfer of University Funds Held as "Irreducible Debt of the State of Ohio" to the University Investment Portfolio (continued)

These funds represented the original Land-Grant Endowment of \$524,176.50, the Virginia Military Lands Endowment in the amount of \$228,329.00 and the Henry Folsom Page bequest in the amount of \$217,494.50 for a total of \$970,000.00 of general endowment. Gifts and grants, numbering 251 separate accounts received by the University through the intervening years, made up the balance of funds thus received.

President Fawcett recommended therefore that the monies formerly deposited in the Irreducible Debt of the State of Ohio be added to the University's Investment Portfolio and invested in accordance with the rules and regulations established by the Board of Trustees.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the recommendation that the monies formerly deposited in the Irreducible Debt of the State of Ohio be added to the University's Investment Portfolio by unanimous roll call vote.

C. Change of Trustee, The Ohio Legal Center

Dean Ivan C. Rutledge and Professors Robert J. Nordstrom and Ervin H. Pollack are currently serving as Trustees of The Ohio Legal Center representing The Ohio State University until such time as "they resign or their successors are designated by this Board." The Code of Corporate Regulations of The Ohio Legal Center stipulates that the Trustees representing The Ohio State University must be the Dean and two members of the faculty of the College of Law.

Since Professor Robert Nordstrom will be on leave during the academic year 1968-69 to teach at Duke University, he will be unable to continue his service as a Trustee.

Therefore, President Fawcett recommended that Professor Leo J. Raskind be designated a Trustee of The Ohio Legal Center to succeed Professor Nordstrom, effective immediately.

Upon motion of Mr. Dunlap, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

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II. PERSONNEL CHANGES

Mr. Bricker, Chairman of the Board of Trustees, reported the confirmation of the receipt of a letter of resignation from the Secretary of the Board, Mr. John T. Mount, and stated that in accordance with the commitment made to Mr. Mount at the time of his appointment as Vice President for Student Affairs at The Ohio State University, the Board has accepted with sincere regret Mr. Mount's resignation and directed that the letter be inscribed upon the minutes of this meeting.

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

Mr. Bricker stated further, on behalf of the Board of Trustees, that in accepting the resignation it is understood that Mr. Mount in his role as Vice President for Student Affairs will continue to meet with the Board and be closely associated with the Board of Trustees in carrying out his new responsibilities. In conclusion, Mr. Bricker expressed deep appreciation for the excellent manner in which Mr. Mount has served since the death of the long time Secretary of the Board, Mr. Steeb, in the spring of 1958.

C
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P
Y

September 11, 1968

The Honorable John W. Bricker
Chairman of the Board of Trustees
100 East Broad Street
Columbus, Ohio 43215

Dear Senator Bricker:

This letter is written to confirm my desire to devote my full, professional attention and energy to the significantly increased volume of responsibilities growing out of the demands to effectively execute the position of Vice President for Student Affairs as defined by President Fawcett and approved by the Board of Trustees at its July 11, 1968, meeting. I am confident that the Board of Trustees will agree that it is no small task to achieve the objectives of (1) developing sound and effective policies and programs which reflect the true needs and interests of the more than 44,000 students; (2) achieving rapid and definitive communication with students, faculty, administrators, alumni, and parents in these crucial days of student unrest; and (3) providing for sound and responsible management of the fiscal and human resources of the nine administrative areas reporting through the Office of the Vice President for Student Affairs, including twenty-seven residence halls for more than 12,000 students.

Therefore, in view of the magnitude of the above-described administrative responsibility, I believe it to be in the best interest of the University that I be relieved of the office Secretary of the Board of Trustees, effective whenever the Board of Trustees and the President are agreed upon a successor.

The experience of serving The Ohio State University since May 9, 1958, as the custodian of and responsibility for the official books and records of the University has been a rewarding experience indeed. You will recall that it was in the early days of my tenure as Secretary of the Board of Trustees that the publication which includes the Bylaws of the Board and the Rules for the University Faculty was recodified. This project among many others initiated through the leadership of President Fawcett has drawn nationwide attention to the work of the governing board of Ohio State.

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

The Honorable John W. Bricker
Page 2
September 11, 1968

The opportunity for the personal association with the dedicated members of the Board who have served during this past decade has been enriching and pleasant. For all of this, I am grateful.

Your favorable consideration of this request carries with it the commitment on my part to assist my successor in all appropriate ways as he may request.

Sincerely,

John T. Mount

JTM:sm

cc: President Novice G. Fawcett
Members of the Board of Trustees

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President Fawcett then recommended that all personnel changes since the July 11, 1968 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointments, Promotions and Changes in Title and Administrative Responsibilities, Leaves of Absence With Salary, Leaves of Absence Without Salary and Emeritus Titles:

A. Appointments

Edward Q. Moulton, Executive Assistant to the President and Secretary of the Board of Trustees, effective November 1, 1968, at a salary of \$20,568.00 (Executive Assistant to the President) and \$6,480.00 (Secretary of the Board of Trustees) for a combined salary of \$27,048.00 per annum. Dr. Moulton will also serve as a member of and Secretary of the Cabinet and Administrative Council.

Theodore B. Myers, Professor of Biology, Marion Campus of The Ohio State University, effective October 1, 1968, at a salary of \$12,168.00 per annum.

Campbell Laird, Visiting Professor (Battelle Professor of Metallurgy), Department of Metallurgical Engineering, effective October 1, 1968 through June 30, 1969, at a salary of \$18,000.00 for the period.

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions and Changes in Title and Administrative Responsibilities

G. Robert Holsinger from Executive Assistant to the President to the position of Assistant Vice President for Instruction in the Office of Academic Affairs, effective November 1, 1968. Dr. Holsinger will continue to serve as Secretary of the University Faculty and of the Faculty Council and will relinquish his assignments as Secretary of the Cabinet and of the Administrative Council and his membership on both bodies. No salary change is involved in this transfer of assignments.

Kenneth L. Bader, promoted from Assistant Dean in the College of Agriculture and Home Economics to Associate Dean of Students in the Office of Student Affairs, effective October 1, 1968, at a salary of \$17,328.00 per annum.

Madison H. Scott, title changed to Assistant Director of Personnel and Equal Employment Opportunity Officer in the Office of Business and Finance, effective September 1, 1968, at a salary of \$11,868.00 per annum.

President Fawcett stated that "Pursuant to my letter of August 17, 1968, the following promotions and changes in assignment and titles of administrative personnel in the Office of Student Affairs are recommended for ratification":

Ronald B. Thompson, changed from Executive Dean for Admissions and Registrations to Executive Dean for Student Statistical Services, effective September 1, 1968, at a salary of \$21,732.00 per annum. (Salary unchanged)

Ruth H. Weimer, promoted from Associate Dean for Student Relations, Programs and Activities, to Dean of Students, effective September 1, 1968, at a salary of \$17,208.00 per annum.

Milton W. Overholt, changed from Associate Dean for Housing to Director of Housing, effective September 1, 1968, at a salary of \$16,368.00 per annum. (Salary unchanged)

Charles R. Gambs, Jr., promoted from Associate Dean for Discipline Coordination in the Office of Student Relations to Executive Assistant to the Vice President for Student Affairs, effective September 1, 1968, at a salary of \$18,168.00 per annum. (Salary unchanged)

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Virginia M. Evans, Instructor (Assistant State Leader, 4-H), effective October 1, 1968 through February 15, 1969, to participate in a program of professional improvement at The Ohio State University.

William C. Kleman, Instructor (County Extension Agent, Agriculture), Crawford County, effective October 1, 1968 through December 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Rodney A. Petteys, Instructor (Area Extension Agent, 4-H) effective October 1, 1968 through December 15, 1968, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Ely E. Bell, Professor, Department of Physics, effective October 1, 1968 through September 30, 1969, to accept a Visiting Professorship at the University of Freiberg, Germany.

John P. Hirth, Professor, Department of Metallurgical Engineering, effective October 1, 1968 through September 30, 1969, to accept a Visiting Professorship at Stanford University.

F. Joe Crosswhite, Associate Professor, College of Education, effective October 1, 1968 through September 30, 1969, to accept a National Postdoctoral Fellowship in Educational Research awarded by the U. S. Office of Education.

Edward W. Hewlett, Associate Professor, School of Art, effective October 1, 1968 through September 30, 1969, to accept a Visiting Professorship at Ohio Wesleyan University.

Harry H. Chandler, Assistant Professor, College of Dentistry, effective October 1, 1968 through September 30, 1969, to accept a position as Research Associate at the National Bureau of Standards - Dental Division, Washington, D. C.

John A. Shadduck, Assistant Professor, Department of Veterinary Pathology, effective July 1, 1968 through August 31, 1968, to continue study in Europe.

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Virginia M. Evans, Instructor (Assistant State Leader, 4-H), Cooperative Extension Service, effective February 16, 1969 through June 30, 1969, to participate in a program of professional improvement at The Ohio State University.

Judith Graves, Instructor, School of Nursing, effective July 1, 1968 through September 22, 1968, for personal reasons.

Georgia Gwinner, Instructor, Department of Medicine, effective July 1, 1968 through March 31, 1969, for personal reasons.

Delma C. McCourt, Instructor (County Extension Agent, Home Economics), Jefferson County, Cooperative Extension Service, effective September 1, 1968 through September 30, 1968, for personal reasons.

E. Emeritus Titles

Mildred E. Newton, School of Nursing, with the title Professor Emeritus, effective August 1, 1968.

Joseph B. Polivka, College of Biological Sciences, with the title Professor Emeritus, effective July 1, 1968.

Wilbur B. Wood, Cooperative Extension Service and Department of Agricultural Education, with the title Professor Emeritus, effective August 1, 1968.

Charles H. Benner, School of Music, with the title Associate Professor Emeritus, effective September 1, 1968.

Floyd J. Ruble, Department of Agricultural Education, with the title Assistant Professor Emeritus, effective September 1, 1968.

John D. Strausbaugh, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective October 1, 1968.

Olive W. Parrish, Cooperative Extension Service, with the title Instructor Emeritus, effective October 1, 1968.

September 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles (continued)

Howard R. Mitchell, Sr., Department of Pediatrics,
with the title Clinical Instructor Emeritus, effective
July 1, 1968.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Appointments, Promotions and Changes in Title and Administrative Responsibilities, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" an official document of the University.

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III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a1. Department of Navy, Office of Naval Research, Washington, D. C., Voice Communication (to be known as Office of Naval Research Project No. 1002 - Amend. #17 - Department of Speech).
Gross Value - \$19,204.00.
- a2. Department of Health, Education and Welfare, Public Health Service, Office of Community Health Planning, Washington, D. C., Cytotechnology Training Program (to be known as Office of Community Health Planning Project No. 1154-H - Ext. #8 - Department of Pathology).
Gross Value - \$29,000.00.
- a3. U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C., Study of the Sulfide-to-Sulfate Reaction Mechanism (to be known as Federal Water Pollution Control Administration Project No. 1442-F - Ext. #7 - Department of Chemical Engineering).
Gross Value - \$24,934.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Phytochemistry of Genus *Thalictrum* (to be known as National Institutes of Health Project No. 1497-E - Sup. #1 - College of Pharmacy).
Gross Value - \$1,320.00.
- a5. Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C., Language Retraining for Aphasics (to be known as Vocational Rehabilitation Administration Project No. 1630-D - Ext. #6 - Department of Speech).
Gross Value - \$7,447.00.
- a6. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Health Services and Mental Health Administration, Bethesda, Maryland, Time and Training Effects in Compound Conditioning (to be known as National Institutes of Health Project No. 1779-C - Sup. #1 - Department of Psychology).
Gross Value - \$8,834.00.
- a7. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Chemistry, Metabolism and Immunology of Gangliosides (to be known as National Institutes of Health Project No. 1842-D - Ext. #4 - Department of Psychiatry).
Gross Value - \$28,180.00.
- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Hemotropic Parasite Infections Immunology (to be known as National Institutes of Health Project No. 1873-D - Ext. #4 - College of Biological Sciences).
Gross Value - \$24,108.00.
- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Receptive Fields of the Mesencephalon (to be known as National Institutes of Health Project No. 1881-D - Ext. #4 - College of Optometry).
Gross Value - \$10,487.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a10. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Stress Deflection Analysis of Fibrous Composite Materials Under External Loading (to be known as Systems Engineering Group, Research and Technology Division Project No. 2132 - C. O. #5 - Department of Engineering Mechanics).
Gross Value - \$10,994.00.
- a11. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Techniques for Integrating Solid-State Circuitry Into Antennas (to be known as Systems Engineering Group, Research and Technology Division Project No. 2142 - C. O. #5 - Department of Electrical Engineering).
Gross Value - \$19,997.00.
- a12. Department of Health, Education and Welfare, Public Health Service, Office of Comprehensive Health Planning, Bethesda, Maryland, Methods of Diagnosis and Control of Cancer of the Cervix in the Medically Indigent Population of Columbus (to be known as Office of Comprehensive Health Planning Project No. 2224-B - Ext. #2 - Department of Pathology).
Gross Value - \$99,319.00.
- a13. Department of Health, Education and Welfare, Office of Education, Washington, D. C., The Development of an ERIC Clearinghouse for Science Education (to be known as Office of Education Project No. 2228 - Amend. #2 - College of Education).
Gross Value - \$71,000.00.
- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Lipid Metabolism in the Human Placenta (to be known as National Institutes of Health Project No. 2254-B - Ext. #2 - Department of Pediatrics).
Gross Value - \$19,270.00.
- a15. U. S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C., Neutron Activation Analyses to Determine Natal Areas of North American Waterfowl (to be known as Bureau of Sport Fisheries and Wildlife Project No. 2266 - Amend. #3 - College of Biological Sciences).
Gross Value - \$8,145.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a16. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Intestinal Absorption of Iron (to be known as National Institutes of Health Project No. 2287-B - Ext. #2 - Department of Medicine).
Gross Value - \$14,043.00.
- a17. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Mucosal Effects of Gastric and Intestinal Resection (to be known as National Institutes of Health Project No. 2288-A - Sup. #1 - Department of Surgery).
Gross Value - \$2,056.00.
- a18. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2301 - Ext. #2 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- a19. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Effect of Magnesium Deficiency on Adrenergic Neurons (to be known as National Institutes of Health Project No. 2310-B - Ext. #2 - Department of Pharmacology).
Gross Value - \$13,799.00.
- a20. Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Theoretical and Experimental Studies in Polarization and Applications to Radio Astronomy and Space Physics (to be known as Electronic Systems Division, Air Force Systems Command Project No. 2332 - Mod. #2 - Department of Electrical Engineering).
Gross Value - \$30,000.00.
- a21. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Materials and Associated Problems (to be known as Air Force Systems Command Project No. 2414 - Amend. #6 - Research Foundation).
Gross Value - \$1,000.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a22. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Materials and Associated Problems (to be known as Air Force Systems Command Project No. 2414 - Amend. #7 - Research Foundation). Gross Value - \$119,742.00.
- a23. Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineering Sciences (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2443 - Amend. #6 - Research Foundation). Gross Value - \$95,222.00.
- a24. Department of Health, Education and Welfare, Public Health Service, Health Services, Bethesda, Maryland, Self Medication and Community Health (to be known as Health Services Project No. 2448-A - Ext. #1 - College of Pharmacy). Gross Value - \$48,314.00.
- a25. U. S. Army Mobility Equipment Research and Development Center, Fort Belvoir, Virginia, Establishment of an Ideal World Geodetic System (to be known as U. S. Army Mobility Equipment Research and Development Center Project No. 2501 - Mod. #1 - Department of Geodetic Science). Gross Value - \$11,982.00.
- a26. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Neural Coding in the Marsupial Visual Pathways (to be known as National Institutes of Health Project No. 2510-A - Ext. #1 - College of Optometry). Gross Value - \$23,523.00.
- a27. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, A Comparative Study of the Extrapyramidal System (to be known as National Institutes of Health Project No. 2512-A - Ext. #1 - Department of Anatomy). Gross Value - \$11,543.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a28. National Aeronautics and Space Administration, Washington, D. C. , Data Analysis of Geodetic Satellite Program (to be known as National Aeronautics and Space Administration Project No. 2514 - Amend. #1 - Department of Geodetic Science).
Gross Value - \$34,700.00.
- a29. Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advanced Radar Reflector Investigation (to be known as Aeronautical Systems Division Project No. 2584 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$27,000.00.
- a30. Department of the Air Force, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Work Schedule, AFIT, School of Systems and Logistics (to be known as Air Force Institute of Technology Project No. 2638 - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$900,000.00.
- a31. Department of Air Force, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Work Schedule, AFIT, Civil Engineering School (to be known as Air Force Institute of Technology Project No. 2638-A - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$25,000.00.
- a32. U. S. Army, Defense Supply Service, Washington, D. C. , Cytological Studies (to be known as U. S. Army, Defense Supply Service, Project No. 2645 - New - Department of Pathology).
Gross Value - \$286,428.00.
- a33. National Aeronautics and Space Administration, Washington, D. C. , Critical Analysis and Review of State-of-the-Art in Space Medicine (to be known as National Aeronautics and Space Administration Project No. 2655 - New - Department of Preventive Medicine).
Gross Value - \$174,411.00.
- a34. National Science Foundation, Washington, D. C. , Integral Extension of Isometrics Over Local Fields (to be known as National Science Foundation Project No. 2656 - New - Department of Mathematics).
Gross Value - \$8,400.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a35. National Science Foundation, Washington, D. C., Boundary Behavior of Power Series (to be known as National Science Foundation Project No. 2657 - New - Department of Mathematics). Gross Value - \$26,600.00.
- a36. National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas, Study of the Effects of Hyperoxia on the Erythron (to be known as National Aeronautics and Space Administration Project No. 2658 - New - Department of Medicine). Gross Value - \$32,000.00.
- a37. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Production of 100 Liters of Horse Anti-Human Anti-Lymphocyte Serum (to be known as National Institutes of Health Project No. 2660 - New - Department of Surgery). Gross Value - \$15,696.00.
- a38. Agency for International Development, Washington, D. C., Analysis of Capital Formation and Utilization in Less Developed Countries (to be known as Agency for International Development Project No. 2661 - New - Department of Agricultural Economics and Rural Sociology). Gross Value - \$97,790.00.
- a39. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Induction of Tolerance in the Adult Mouse and Dog (to be known as National Institutes of Health Project No. 2662 - New - Department of Surgery). Gross Value - \$25,110.00.
- a40. National Science Foundation, Washington, D. C., On-Line Computer Equipment for the Van de Graaff Accelerator Laboratory (to be known as National Science Foundation Project No. 2663 - New - Department of Physics). Gross Value - \$80,600.00.
- a41. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pulmonary Physiology in Infection With Mycoplasmas (to be known as National Institutes of Health Project No. 2664 - New - Department of Medical Microbiology). Gross Value - \$30,570.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a42. National Science Foundation, Washington, D. C., Transition Probabilities and Other Parameters for Atoms and Molecules of Astrophysical Interest (to be known as National Science Foundation Project No. 2665 - New - Department of Astronomy). Gross Value - \$76,300.00.
- a43. National Science Foundation, Washington, D. C., Classification of Lie Algebras of Types E_6 and E_7 (to be known as National Science Foundation Project No. 2666 - New - Department of Mathematics). Gross Value - \$10,000.00.
- a44. National Science Foundation, Washington, D. C., Geology of the Beardmore Glacier Area, Antarctica (to be known as National Science Foundation Project No. 2667 - New - Institute of Polar Studies). Gross Value - \$19,200.00.
- a45. National Science Foundation, Washington, D. C., Uncomplemented Subspaces of Branch Spaces (to be known as National Science Foundation Project No. 2668 - New - Department of Mathematics). Gross Value - \$9,800.00.
- a46. National Science Foundation, Washington, D. C., Botanical Survey of the Marie Byrd Land (to be known as National Science Foundation Project No. 2669 - New - Institute of Polar Studies). Gross Value - \$17,900.00.
- a47. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Psychophysiology and Psychosomatic Medicine in the USSR (to be known as National Institutes of Health Project No. 2670 - New - Department of Psychiatry). Gross Value - \$23,763.00.
- a48. National Science Foundation, Washington, D. C., Computer Science Laboratory for Research and Education (to be known as National Science Foundation Project No. 2671 - New - Department of Computer and Information Science). Gross Value - \$253,500.00.
- a49. Department of Health, Education and Welfare, Social Security Administration, Washington, D. C., Benefits-to-Risks Ratio in Drug Choice by Physicians (to be known as Social Security Administration Project No. 2672 - New - College of Pharmacy). Gross Value - \$26,876.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a50. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Organizational Responses to Major Community Crisis (to be known as Health Services and Mental Health Administration Project No. 2673 - New - Department of Sociology).
Gross Value - \$83,496.00.
- a51. United States Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Massive Blowing Effects on Turbine Blade Cooling (to be known as Air Force Systems Command Project No. 2674 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$30,000.00.
- a52. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, The Role of Bile in Hepatic Regeneration (to be known as National Institutes of Health Project No. 2675 - New - Department of Surgery).
Gross Value - \$13,829.00.
- a53. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Psychodynamic and Cognitive Determinants of Humor (to be known as Health Services and Mental Health Administration Project No. 2676 - New - Department of Psychology).
Gross Value - \$4,200.00.
- a54. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Prepare Educational Specialists for the Health Professions (to be known as National Institutes of Health Project No. 2678 - New - Department of Medicine).
Gross Value - \$156,315.00.
- a55. National Aeronautics and Space Administration, Washington, D. C., Electron Beam Pumped Laser Action in Selenium and Tellurium With Applications for Tunable Backward Parametric Oscillations (to be known as National Aeronautics and Space Administration Project No. 2679 - New - Department of Electrical Engineering).
Gross Value - \$35,000.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a56. National Science Foundation, Washington, D. C., Synthesis of Phosphomannans (to be known as National Science Foundation Project No. 2682 - New - Department of Chemistry).
Gross Value - \$32,000.00.

TOTAL - Government Contracts - Federal \$3,310,947.00

2. Government Contract - State

- a1. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care (to be known as State of Ohio, Department of Health Project No. 2052-C - Ext. #3 - Department of Pediatrics).
Gross Value - \$54,000.00.

3. Industrial and Other Contracts

- a1. Alloy Casting Institute, New York, New York, Investigation of Cast Corrosion Resistant Alloys (to be known as Alloy Casting Institute Project No. 350 - Amend. #20 - Department of Metallurgical Engineering).
Gross Value - \$24,000.00.
- a2. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as the Regents of the University of Wisconsin Project No. 1395 - Check No. C519741 - Department of Surgery).
Gross Value - \$226.50.
- a3. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as the Regents of the University of Wisconsin Project No. 1395 - Check No. C531873 - Department of Surgery).
Gross Value - \$1,214.42.
- a4. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Regents of the University of Wisconsin Project No. 1395 - Check No. C532967 - Department of Surgery).
Gross Value - \$352.00.
- a5. National Foundation - March of Dimes, Columbus, Ohio, Birth Defects Special Treatment Center (to be known as National Foundation - March of Dimes Project No. 2054-3 - Ext. #3 and Project No. 2054-3A - Department of Pediatrics).
Gross Value - \$32,140.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Industrial and Other Contracts (continued)

- a6. Procter & Gamble Co., Cincinnati, Ohio, Study of Dental Caries (to be known as Procter & Gamble Co. Project No. 2065 - Sup. #1 - College of Dentistry).
Gross Value - \$8,000.00.
- a7. Marine Colloids, Inc., Springfield, New Jersey, Investigation in the Fields of Polysaccharides (to be known as Marine Colloids, Inc. Project No. 2236 - Ext. #2 - Department of Dairy Technology).
Gross Value - \$4,969.00.
- a8. A. H. Robins Company, Inc., Richmond, Virginia, Isolation of Active Constituents of Certain Plants (to be known as A. H. Robins Company, Inc. Project No. 2327 - Ext. #2 - College of Pharmacy).
Gross Value - \$9,794.00.
- a9. Massachusetts Institute of Technology, Lincoln Laboratory, Lexington, Massachusetts, Integrated Cross-Section Calculations and Scattering by Specific Wire Shapes (to be known as Massachusetts Institute of Technology Project No. 2409 - Amend. #3 - Department of Electrical Engineering).
Gross Value - \$37,854.00.
- a10. Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri, Aesthetic Education Project (to be known as Central Midwestern Regional Educational Laboratory, Inc. Project No. 2420 - Amend. #4 - School of Art).
Gross Value - \$37,574.00.
- a11. Battelle Memorial Institute, Columbus Ohio, (Subcontract under AEC prime contract), Geomorphology and Pedology of Amchitka Island, Alaska (to be known as Battelle Memorial Institute Project No. 2508-A - Sup. #3 - Institute of Polar Studies).
Gross Value - \$10,020.00.
- a12. Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio, Symptomatic and Asymptomatic Pulmonary Emphysema, Correlation of Radiological Findings With Pulmonary Functions (to be known as Tuberculosis Society of Columbus and Franklin County Project No. 2677 - New - Department of Radiology).
Gross Value - \$1,950.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Industrial and Other Contracts (continued)

- a13. Northwestern Ohio Heart Association, Inc., Toledo, Ohio, Ultrastructure of Cardiac Conduction System in Anoxia and Ischemia (to be known as Northwestern Ohio Heart Association, Inc., Project No. 2680 - New - Department of Pathology). Gross Value - \$7,497.00.
- a14. Northwestern Ohio Heart Association, Inc., Toledo, Ohio, Regional Blood Flow in Experimental Hypertension (to be known as Northwestern Ohio Heart Association, Inc., Project No. 2681 - New - Department of Surgery). Gross Value - \$4,564.22.

TOTAL - Industrial and Other Contracts \$180,155.14

The foregoing seventy-one contracts for research in cooperation with Government, Industry and Other represent a gross income of \$3,545,102.14.

Upon motion of Mr. Jones, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous roll call vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from June 26, 1968 through August 21, 1968, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and record:

1. Government Research Contracts

- EES 300X Durability Characteristics of Asphaltic Materials, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$42,000.00.
- EES 317X Establishment of New Towns as a Response to the Problems and Potential of the City of Columbus, Ohio, City of Columbus, Department of Development, Columbus, Ohio.
Gross Value - \$4,663.00.
- W 3XX Water Resources Center Area Account, U. S. Department of Interior, Washington, D. C.
Gross Value - \$25,684.00.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

1. Government Research Contracts (continued)

W 123 A System Analysis of the Western Basin of Lake Erie,
 Office of Water Resources Research, U. S. Department
 of Interior, Washington, D. C.
 Gross Value - \$30,000.00.

TOTAL - Government Research Contracts \$102,347.00

2. Industrial Research Contracts

EES 318 Investigation of Vibrational Effects on Thixotropic
 Casting, Charles Taylor Sons Company, Cincinnati,
 Ohio.
 Gross Value - \$5,000.00.

EES 319 Fretting Fatigue Studies of Aircraft Bearing Materials,
 The Brush Beryllium Co., Cleveland, Ohio.
 Gross Value - \$5,000.00.

SC 77 Water and Wastewater Plant Operators Training Program,
 The Operator Training Committee of Ohio, Mahoning Valley
 Sanitary District, Youngstown, Ohio.
 Gross Value - \$22,015.00.

TOTAL - Industrial Research Contracts \$32,015.00

The foregoing seven contracts for research in the Engineering Experiment Station represent a gross income of \$134,362.00.

C. Memorandum of Agreement Between the Department of Health
of the State of Ohio and the Area of Speech and Hearing
Science, Department of Speech, The Ohio State University

It was recommended that the President be authorized to sign an agreement between the Department of Health of the State of Ohio and the Area of Speech and Hearing Science of the Department of Speech of The Ohio State University. The agreement provides that the Department of Health of the State of Ohio has committed to the Area of Speech and Hearing Science of The Ohio State University's Department of Speech the amount of \$52,497.00 for the fiscal year 1968-69 to support speech, hearing and language services to children of Ohio.

September 12, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Memorandum of Agreement Between the Department of Health of the State of Ohio and the Area of Speech and Hearing Science, Department of Speech, The Ohio State University (continued)

Further, the Memorandum of Agreement represents both a continuation and enlargement of the cooperative efforts between the Department of Health of the State of Ohio and Department of Speech of The Ohio State University.

Upon motion of Mr. Ketterer, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous roll call vote.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since July 11, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$1,031,477.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for the Ohio State Regional Medical Program, under the direction of the College of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 G02 RM 00022-02)
2. \$383,243.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, 226 W. Jackson Blvd., Chicago, Illinois 60606, to the University for construction of the dramatic arts portion of the River Union Drama Facility. This grant is made under Title I of the Higher Education Facilities Act. (Grant No. 4-5-00404-0)
3. \$228,734.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Rehabilitation Medicine," under the direction of the Department of Physical Medicine, for the period September 1, 1968 through August 31, 1969. (VRA Grant No. 151-T-69)
4. \$129,034.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Professional Nurse Traineeship Program," under the direction of the School of Nursing, for the period September 1, 1968 through August 31, 1969. (Grant No. NT 29-C12)

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

5. \$75,000.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for the project "The Natural History of Disability," under the direction of the Department of Physical Medicine, for the period August 1, 1968 through July 31, 1969. (VRA Grant No. RD-2292-G-69-C2)
6. \$68,617.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Preventive Medicine Curriculum Augmentation," under the direction of the Department of Preventive Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. PHT 5-25C-68)
7. \$66,060.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology," under the direction of the Department of Psychology, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 MH05061-22)
8. \$62,154.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Speech Pathology and Audiology," under the direction of the Department of Speech, for the period September 1, 1968 through August 31, 1969. (VRA Grant No. 222-T-69)
9. \$58,393.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Cardiology," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T12 HE05786-02)
10. \$57,793.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Mental Retardation Training Program - Core Group," under the direction of the Mental Retardation Facility, for the period August 1, 1968 through July 31, 1969. (Grant No. 57978-02-68)
11. \$53,668.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Ophthalmology - Training Grant," under the direction of the Department of Ophthalmology, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 NB05461-04)

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

12. \$51,570.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Grant in Endocrinology," under the direction of the Department of Obstetrics and Gynecology, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 AM05403-06)
13. \$42,469.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Corrections," under the direction of the School of Social Work, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 MH08254-06)
14. \$41,014.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Sociology," under the direction of the Department of Sociology, for the period September 1, 1968 through August 31, 1969. (VRA Grant No. 473-T-69)
15. \$39,250.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for a "Language and Area Center for Slavic and East European Studies," under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1968 through June 30, 1969. (Contract No. OEC 0-8-000094-3441)
16. \$35,785.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Child Psychiatry - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1968 through June 30, 1969. (Grant No. 1 T01 MH11296-01)
17. \$31,990.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Physical Therapy," under the direction of the School of Allied Medical Professions, for the period September 1, 1968 through August 31, 1969. (VRA Grant No. 209-T-69)
18. \$30,087.00 granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Occupational Therapy," under the direction of the School of Allied Medical Professions, for the period September 1, 1968 through August 31, 1969. (VRA Grant No. 176-T-69)

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

19. \$25,716.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Physiological Psychology," under the direction of the Department of Psychology, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 MH06748-11)
20. \$15,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for a "Conference on Evaluation of State Plan Programs for Education of the Handicapped," under the direction of the College of Education, for the period June 20, 1968 through October 30, 1968. (Contract No. OEC-0-8-010019-4420)
21. \$14,094.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology Field Training," under the direction of the Department of Psychiatry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 MH10778-02)
22. \$12,094.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Editors Workshop," under the direction of the School of Journalism, for the period September 1, 1968 through August 31, 1969. (Grant No. 2 R13 DH 00129-05)
23. \$11,064.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Public Health Nursing Traineeship Grant - Public Health Traineeship Program," under the direction of the School of Nursing, for the period July 1, 1968 through June 30, 1969. (Grant No. N-537-69D)
24. \$10,170.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Traineeships in Mental Retardation," under the direction of the Department of Speech, for the period September 1, 1968 through June 30, 1969. (Grant No. 57970-01-68 and Grant No. 57977-01-68)

TOTAL - Administered Through the Office of Business and Finance -
\$2,574,476.00

B. Received Through The Ohio State University Development Fund

1. \$26,550.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
2. \$24,160.78 from the Estate of Fred F. Jaeger, Jr. --\$14,496.48 for the establishment of the Fred F. Jaeger, Jr. Memorial Fund in Medicine and \$9,664.30 for a fund to be established later in the College of Administrative Science.

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

2. Fred F. Jaeger, Jr. Memorial Fund in Medicine

The Fred F. Jaeger, Jr. Memorial Fund in Medicine was established September 12, 1968, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the Estate of the late Fred F. Jaeger, Jr., B.Sc. Bus. Adm. '43, formerly of Columbus, Ohio.

This gift is to be invested in the University Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually to support education and research in all aspects of cardiac disease, including but not limited to, cardiology therapeutics, surgery and radiology, as determined by the Dean of the College of Medicine.

Should the need for the use of the income cease to exist or so diminish as to provide unused income, or should the College of Medicine cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education and research.

3. \$19,500.00 from Eli Lilly and Company for the Infectious Disease Research Fund.
4. \$15,523.00 from the John and Mary R. Markle Foundation--\$6,000.00 for the Markle Foundation Surgery Research Fund, \$6,000.00 for Investigation of the Mechanism of Hypertension Fund and \$3,523.00 for the John and Mary R. Markle Fund.
5. \$12,000.00 from the Pharmaceutical Manufacturers Association Foundation, Inc., for the PMA Foundation Fellowship Fund.
6. \$10,062.50 from G. D. Searle & Company for the G. D. Searle & Company Research Fund.
7. \$10,000.00 from the Nestle Company, Inc., for the Nestle Graduate Research Fund.
8. \$10,000.00 from the Estate of Elizabeth Schramm for the Parley and Elizabeth Schramm Loan Fund.

September 12, 1968 meeting. Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

9. \$10,000.00 from alumni and friends for the establishment of the Dorothy D. Scott Scholarship Fund.

Dorothy D. Scott Scholarship Fund

The Dorothy D. Scott Scholarship Fund was established September 12, 1968, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends in honor of Dr. Dorothy D. Scott, B.Sc. in Edu. '26, M.Sc. '29, Columbus, Ohio, upon her retirement as Director of the School of Home Economics and Associate Dean of the College of Agriculture and Home Economics, on April 30, 1968, following thirty-one years of service.

All gifts are to be invested in the University Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually to provide one or more scholarships to students in the School of Home Economics.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the School of Home Economics cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Home Economics education.

10. \$9,825.98 from the Galvin Foundation, Lima, Ohio, (in the name of John E. Galvin), to be used for payment of part of the improvement cost of the main entrance highway from Mumaugh Road to the Lima Campus.
11. \$7,243.00 from the National Fund for Medical Education for the National Fund for Medical Education Fund.
12. \$7,000.00 from DARO Fund, Inc., (in the name of Dr. Howard D. Sirak), for the Heart Holding Fund.
13. \$6,010.85 from the Estate of Donald V. Steele, Washington, D. C., as an unrestricted gift to the University.
14. \$6,000.00 from John Deere Foundation for the Center for Vocational and Technical Education.
15. \$6,000.00 from Ohio Lions Eye Research Foundation--\$4,387.00 for the Ohio Lions Eye Research Fund and \$1,613.00 for the Ohio Lions Research Fund.

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

16. \$6,000.00 from the Ohio Lions Research Foundation for the Institute for Research in Vision.
17. \$6,000.00 from Rohm and Haas Company--\$5,000.00 for the Pharmaceutical Research Fund and \$1,000.00 for the Department of Chemical Engineering Rohm Company Scholarship.
18. \$5,038.61 from the Estate of Helen C. Kennedy for the T. J. Kennedy Family Fund.
19. \$5,000.00 from The Bremer Foundation, (in the name of Mrs. Marie R. Bremer), for The Bremer Foundation Fund.
20. \$5,000.00 from Eastman Kodak Company for the Eastman Kodak Research Fund for Education.
21. \$5,000.00 from Union Carbide Corporation for the Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering.
22. \$5,000.00 from Union Carbide Corporation, Linde Division, for the Union Carbide Corporation Fellowship in Welding Engineering.
23. \$4,665.00 from Procter & Gamble Company for the Procter & Gamble Fellowship Fund in Chemical Engineering.
24. \$4,611.05 from The A. A. A. Educational Foundation, Inc., for the A. A. A. Education Foundation Research Fund.
25. \$4,500.00 from Warren-Teed Pharmaceutical, Inc., for the Pharmaceutical Research Fund.
26. \$4,495.00 from International Business Machines for the International Business Machines Fellowship Fund.
27. \$4,400.00 from Dow Chemical Company--\$2,500.00 for the Dow Chemical Company Scholarship and Fellowship Fund - Chemical Engineering, \$1,400.00 for the Dow Chemical Scholarship and Fellowship Fund in Chemistry and \$500.00 for the Business Organization Special Fund.
28. \$4,000.00 from The Edward Orton, Jr. Ceramic Foundation for the John L. Carruthers Fellowship in Ceramic Engineering.
29. \$3,610.00 from American Foundation for Pharmaceutical Education for the American Foundation for Pharmaceutical Education Fellowship Fund.

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

30. \$3,500.00 from Joyce Products Company, (in the names of Henry M. O'Neill, Jr. and Henry M. O'Neill, Sr.), for the Student Athlete Grant-in-Aid Fund.
31. \$3,500.00 from the Stauffer Chemical Company Foundation for the Stauffer Chemical Company Chemistry Fellowship.
32. \$3,050.00 from William W. Heimberger for the William W. and Helen Reese Heimberger Fund.
33. \$3,000.00 from Atlantic Richfield Foundation--\$2,000.00 for the Atlantic Richfield Fund for Geology and \$1,000.00 for the Petroleum Engineering Fund.
34. \$3,000.00 from Continental Oil Company for the Continental Oil Company Fellowship in Chemistry.
35. \$3,000.00 from Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.
36. \$2,985.92 from Columbus Foundation, (in the name of Everett D. Reese), for the Special Reserve Fund.
37. \$2,500.00 from The Kent Foundation, (in the name of Mrs. Ralph E. Kent), for the Presidents Club Special Fund.
38. \$2,500.00 from the Estate of Milton R. Yassenoff, (in the name of Milton R. Yassenoff), for the Leo Yassenoff Scholarship Fund.
39. \$2,430.50 from the Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
40. \$2,262.82 from an anonymous donor for the establishment of the College of Law Award for Academic Excellence.

College of Law Award for Academic Excellence

The College of Law Award for Academic Excellence was established September 12, 1968, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund.

The principal is to be invested in the University's endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used to defray tuition of certain academic leaders in accordance with plan filed in the Office of The Ohio State University Development Fund.

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

40. College of Law Award for Academic Excellence (continued)

In the event that the College of Law as it now exists should be altered in any reorganization of University colleges, schools and departments, the Board of Trustees or successor governing body of the University shall direct the use of the income for purposes within the field of law as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University. It is requested that an appropriate program of awards similar to the plan projected in detail and filed with the Development Fund and the College of Law be instituted, if possible.

41. \$2,029.70 from Joseph L. Bitonte for the Ophthalmologic Center Fund.
42. \$2,000.00 from the William T. Morris Foundation, Inc., for the William T. Morris Foundation Scholarship in Welding Engineering.
43. \$2,000.00 from Henry G. Schmidt for the Ottawa Club Fund.
44. \$1,768.10 from Thomas B. Meek, Sr. for the James Thurber Memorial Fund.
45. \$1,676.00 from Dr. William G. Pace III for the General Surgery Fund - College of Medicine.
46. \$1,500.00 from the Central Ohio Chapter, Inc., The Arthritis Foundation, for the Arthritis Foundation Research Fund in Pharmacy.
47. \$1,500.00 from the Trust under the Will of Mr. and Mrs. Lester Harner for the Mr. and Mrs. Lester Harner Agricultural Education Scholarship Fund.
48. \$1,493.70 from John K. Pfahl for the Elvin F. Donaldson Fund.
49. \$1,400.00 from members of the graduating class of 1968 for the establishment of the 1968 Senior Class Memorial Scholarship Fund.

1968 Senior Class Memorial Scholarship Fund

The 1968 Senior Class Memorial Scholarship Fund was established September 12, 1968, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the graduating class of 1968.

All gifts are to be invested in the University Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

49. 1968 Senior Class Memorial Scholarship Fund (continued)

Income is to be added to principal until such time as the annual income equals the minimum amount required to provide tuition for one student for one academic year. Thereafter, the income is to be used to provide one or more scholarships annually in a value of not less than minimum tuition each for one academic year.

The recipient or recipients of the scholarship (scholarships) will be a child of a member of the Class of 1968, as long as he meets current scholastic and financial criteria as determined by the University Scholarship Committee. If none meets these criteria, the scholarship or scholarships will be given to other worthy applicants selected by the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships and student loans.

- 50. \$1,265.00 from the Werkman Charitable Trust, (in the name of John D. Werkman), for the John D. Werkman South American Fund.
- 51. \$1,200.00 from Sears-Roebuck Foundation for the Sears-Roebuck Scholarship - Retailing.
- 52. \$1,200.00 from the University Grange for the establishment of the University Grange Fellowship Fund.

University Grange Fellowship Fund

The University Grange Fellowship Fund was established September 12, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the University Grange.

All gifts are to be invested in the University Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually to provide one or more scholarships or fellowships to students recommended by the Dean of the College of Agriculture and Home Economics and selected by the University Scholarship and Loan Committee.

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

52. University Grange Fellowship Fund (continued)

Should the need for these scholarships or fellowships cease to exist or so diminish as to provide unused income, or should the College of Agriculture and Home Economics cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural and home economics education.

- 53. \$1,000.00 from John B. Conard for the John B. Conard Fund for Ceramic Engineering.
- 54. \$1,000.00 from Arthur Klein, D.D.S.--\$500.00 for the Wendell D. and Helen R. Postle Loan Fund and \$500.00 for the Victor L. and Marie M. Steffel Student Loan Fund.
- 55. \$1,000.00 from Walter E. Heller & Company for the Walter E. Heller Fellowship.
- 56. \$1,000.00 from Galen F. Oman--\$500.00 for the Michael Peppe - Carl Wirthwein Scholarship Fund and \$500.00 for the Alpha Rho Chi Scholarship Fund.
- 57. \$1,000.00 from Richard M. Ross--\$500.00 for the School of Art Special Fund and \$500.00 for the Ohio Dairy Products Research Fund.
- 58. \$1,000.00 from the A. B. and Ralph Cohen Foundation, (in the name of Mrs. A. B. "Dolly" Cohen), to provide a scholarship for the winner of the "In the Know" television show which appears on a local commercial station.
- 59. \$1,000.00 from the Wilbur K. Jones Foundation, (in the name of Wilbur K. Jones), for the Wilbur K. Jones Student Aid Fund.
- 60. \$1,000.00 from Carol S. Kennedy for the Carol S. Kennedy Scholarship Fund.
- 61. \$1,000.00 from American Chemical Society for the American Chemical Society Fund - Chemistry.

TOTAL - Received Through The Ohio State University Development Fund -
\$306,957.00

September 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind

- 1. A Reuel Smith Silver Set from the Estate of the late Edmond R. Sawtell, Pittsburgh, Pennsylvania, for use by the College of Agriculture and Home Economics - School of Natural Resources.
- 2. An Elgin lathe from Wesley-Jessem Plastic Contact Lens Company for use in the College of Optometry.
- 3. An antique carved ivory chess set from Mr. Christian Burckel, Bronxville, New York, for the School of Art.

Upon motion of Mr. Dunlap, seconded by Mr. Ketterer, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Report from The Ohio State University Development Fund

1. Month of June, 1968

In June, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,617	\$ 79,587.61
Individuals other than alumni	203	19,935.45
Nonprofit organizations	34	34,545.09
Business concerns	32	65,517.25
	<u>3,886</u>	<u>\$199,585.40</u>

Of these gifts, 2,797 totaling \$25,186.00 were undesignated and 1,089 totaling \$174,399.40 were designated.

2. Month of July, 1968

In July, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,147	\$ 83,011.74
Individuals other than alumni	68	23,689.46
Nonprofit organizations	41	123,769.73
Business concerns	44	66,199.16
	<u>3,300</u>	<u>\$296,670.09</u>

Of these gifts, 2,354 totaling \$23,338.80 were undesignated and 946 totaling \$273,331.29 were designated.

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September 12, 1968 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported.

A. Laundry - Phase II

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$536,340.00	\$535,090.76	(\$1,249.24)

B. Parking Ramp - Arps Hall Area

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$960,850.00	\$963,656.53	\$2,806.53

C. Upham Hall Remodeling

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 37,515.00	\$ 34,269.00	(\$3,246.00)

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials and estimates of cost for the following projects be approved by the Board of Trustees;

A. Roof Repairs for Administration Building, Derby Hall, Mendenhall Laboratory

This project will provide regular maintenance repairs for these three buildings.

Funds for this project will be provided from Budget Account 124358 Contract Repairs.

B. Improvements to Entranceway - Lima Campus

This project will improve the entrance road to The Ohio State University Lima Campus so as to provide proper drainage and a normal black-top road surface.

VI. PLANS AND SPECIFICATIONS (continued)

B. Improvements to Entranceway - Lima Campus (continued)

Funds for this project will be transferred from the Development Fund Account - Galvin Foundation and Budget Account 149994 Branch Campuses Reserve to Budget Account 801194 Improvements to Entranceway - Lima Campus.

C. McCracken Power Plant - Additional Boiler No. 9

This project provides a 75,000 lbs. per hour, gas-fired boiler, to replace one over-age boiler which must be retired from service and furthers the University's drive to eliminate atmospheric pollution.

Funds for this project will be provided by a transfer from Budget Account 149996 Contingency Reserve to Budget Account 801178 McCracken Power Plant - Additional Boiler No. 9.

D. Laboratory Animal Center

This project provides four separate buildings for housing, breeding and training of animals to serve the various University research programs using laboratory animals.

Funds for this project will be provided from Budget Account 801021 Laboratory Animal Center, Mershon Uncommitted Account, Hospital Reserve and a grant from Health, Education and Welfare Research.

Upon motion of Mr. Dunlap, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

A. Street Repairs for 1968

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 7-23-68)		
Max J. Zeller (Columbus)	\$ 13,181.00	\$ 17,000.00

Funds for this project are provided from Budget Account 124358 Contract Repair.

September 12, 1968 meeting, Board of Trustees

VII, REPORT OF AWARD OF CONTRACTS (continued)

B. Horticulture and Forestry Building - Partial Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Laboratory Equipment Contract</u>		
(2 bids received 7-18-68)		
Smith and Schaefer, Inc. (Cincinnati)		
Base Bid	\$ 64,872.00	\$ 74,000.00
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(2 bids received 8-15-68)		
The Clar-Mar Corp. (Columbus)		
Base Bid	\$ 22,411.00	\$ 26,000.00
<u>Plumbing Contract</u>		
(3 bids received 8-15-68)		
Piping Contractors Co. (Columbus)		
Base Bid	\$ 37,544.00	\$ 44,128.00
Alt. P-1 Copper Piping	356.00	500.00
Total Contract	\$ 37,900.00	\$ 44,628.00
<u>Electrical Contract</u>		
(5 bids received 8-15-68)		
Jess Howard Electric Co. (Columbus)		
Base Bid	\$ 8,573.00	\$ 15,000.00
<u>Total All Contracts</u>	<u>\$133,756.00</u>	<u>\$159,628.00</u>

Funds for this project have been transferred from General Reserve to Budget Account 801162 Horticulture and Forestry Building - Partial Remodeling.

C. Improvements to Entranceway - Lima Campus

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 8-19-68)		
Degen Excavating Co. (Lima)	\$ 33,027. 50	\$ 40,000.00

Funds for this project will be transferred from the Development Fund Account - Galvin Foundation and Budget Account 149994 Branch Campuses Reserve to Budget Account 801194 Improvements to Entranceway - Lima Campus.

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Agricultural Administration Building, Improvements to Heating and Air Conditioning

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Air Conditioning</u>		
<u>Contract</u>		
(2 bids received 9-4-68)		
The Kuempel Company (Columbus)	\$ 30,490.00	\$ 32,000.00
<u>Electrical Contract</u>		
(1 bid received 9-4-68)		
Reco Electric (Columbus)	<u>6,800.00</u>	<u>11,500.00</u>
<u>Total All Contracts</u>	<u>\$ 37,290.00</u>	<u>\$ 43,500.00</u>

Funds for this project have been provided by a transfer from Budget Account 129010 (College of Agriculture Improvements Budget) and Budget Account 921400 (Physical Plant Labor and Materials) to Budget Account 801153 (Construction Account, Agricultural Administration Building - Improvements to Heating and Air Conditioning).

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 1 Approves the request for three extra orders to contractors for additional cost incurred as a result of the delay in receipt of the Federal Grant and the transfer of \$80,840.00 from Item 315-016 Medical Complex, H. B. 886, to Item 315-054 Dodd Hall Addition, H. B. 886, to provide funds for the extra orders and architect's fees.
- 2 Approves the transfer and release of \$162,050.00 from Item 315-016 Medical Complex to Item 315-062 School of Allied Medical Professions, H. B. 886, for preliminary planning, and the change of project name from School of Allied Medical Services to School of Allied Medical Professions.
- 3 Approves the release of \$130,000.00 from Item 315-045, Humanities Center - Speech Theater, H. B. 886, to provide for architects fees and the change in project name to River Union and Drama Facilities.
- 4 Authorizes 10-day bidding for the project "Improvements to Entranceway - Lima Campus."

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September 12, 1968 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Power of Attorney - Customs

President Fawcett recommended that the action taken by the Board of Trustees on November 15, 1963, relative to the Power of Attorney - Customs, be rescinded and the following recommendation for authorization be approved:

That Gordon B. Carson, Vice President for Business and Finance; Ernest W. Leggett, Assistant Vice President; and Joseph F. Medley, Business Manager, The Ohio State University, or any one of them, be and hereby are authorized and empowered to transact any and all business The Ohio State University may have with any Custom House in the United States of America, to make declarations to entries of merchandise imported by said University, to endorse bills of lading and to sign all bonds in the name of said University as required by law or the regulations of the Collector of Customs or Treasury Department; to secure the duties on importations made by said University; and also in the name of said University to execute and deliver any and all bonds of indemnity to the Collector of Customs for the production of endorsed bills of lading, and that a copy of this resolution be sealed with the seal of said University.

Upon motion of Mr. Shocknessy, seconded by Mr. Jones, the above recommendation was approved by unanimous roll call vote.

B. River Union and Drama Facilities, Employment of Architects

On September 14, 1965, the Board of Trustees approved the employment of Tibbals, Crumley and Musson as architects for the Humanities Center - Little Theater project. Since this project has now been combined with the River Union, their original contract should be cancelled and a new contract given for the project River Union and Drama Facilities.

President Fawcett therefore recommended that the original contract be cancelled and that the architectural firm of Tibbals, Crumley and Musson, Columbus, Ohio, be employed to act as critic in preliminary stage and basic drawing stage; to prepare basic drawings for Mechanical, Plumbing, Electrical and Structural work; to prepare working drawings and specifications for all work, cost estimates, secure approval of documents from all Ohio State University Departments and the State of Ohio, and assist in securing bids and awarding contracts; to provide four (4) inspection trips each of Mechanical and Electrical Engineers during construction; check all shop drawings; assist in selection of materials, colors and other items; and assist in resolving or correcting any construction problems during construction. All work will be done in conjunction with other services provided by the University Architect's Office.

The fee for this work will be based on the standard fee calculation less the amount to be paid to the University Architect or an estimated \$122,147.00. Funds for this project will be provided from Item 315-045 River Union and Drama Facilities, H. B. 886, and from a Federal grant.

Upon motion of Mr. Hilliker, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

September 12, 1968 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

C. Kenny Road Easement, Franklin County

On April 11, 1968, the Board of Trustees of The Ohio State University authorized the granting of a roadway easement to Franklin County to effect the widening of Kenny Road.

Additional negotiations between Franklin County and The Ohio State University have resulted in a reduction in the amount of land required for the widening of Kenny Road. This permits the University to retain additional space between its buildings and the improved Kenny Road. The original offer was for \$19,740.00 for 0.627 acres. The final plans require 0.455 acres and Franklin County has offered \$14,885.00 as compensation for the lands owned by the Board of Trustees needed for the right-of-way.

President Fawcett recommended that the sum of \$14,885.00 be accepted as just compensation for the land needed for the right-of-way.

Upon motion of Mr. Jones, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

D. Electric Line Easement - Ohio Power Company - Newark Campus

The Ohio Power Company has requested an electric line easement on State of Ohio lands that have been designated for the use of The Ohio State University, Newark Campus. The electric line will provide electricity to the Newark Campus.

President Fawcett recommended that an electric line easement be granted to the Ohio Power Company and that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide electric service to the Newark Campus.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

E. Gas Line Easement - Columbia Gas of Ohio - University College

The Columbia Gas of Ohio has requested a gas line easement on State of Ohio lands that have been designated as a part of the west campus complex. The gas line will provide natural gas to the University College.

President Fawcett recommended that a gas line easement be granted to Columbia Gas of Ohio, Inc. It was further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide gas service to the University College.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.

September 12, 1968 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

F. Lease - Tommy's Pizza, Inc.

Tommy's Pizza, Inc., 1350 West Lane Avenue, Columbus, Ohio, has requested a lease of approximately 0.4 acres for use as a parking lot to the rear of the above address.

The Campus Master Plan has the land assigned as a clear zone to protect the transmission from WOSU-TV. The projected use of this land as a parking lot is compatible with the uses and needs of the University and will not interfere with the programming or transmission from WOSU-TV. The lease rental will be \$100 per month for a ten-year period renewable for a five-year period and subject to cancellation by the University after five years.

President Fawcett therefore recommended that a lease be negotiated with Tommy's Pizza, Inc. It was further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University to develop the necessary legal documents to provide for the lease to Tommy's Pizza, Inc.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above recommendations were approved by unanimous roll call vote.

G. Parking Lot Rate Increase - Visitor Lots and Garages

Parking rates for pay parking areas have not been increased since September 1, 1965. To partially offset increased salary and operating expenses and to avoid an increase in faculty, staff and student parking permit cost, a modest increase in rates for pay lots and garages is required.

Additional revenue anticipated from parking meters and increased hospital pay lot patronage will absorb the balance of the additional expense increase.

President Fawcett, therefore, recommended that the following increase in parking rates for visitor lots and garages as approved by the Commission on Traffic and Parking be made effective as of September 16, 1968.

	<u>Present Rate</u>	<u>Recommended Rate</u>
1st hour	\$0.20	\$0.30
2nd hour	0.15	0.15
3rd and each hour thereafter	0.10	0.10

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

September 12, 1968 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

H. Health Laboratory Facility - Land Conveyance

The Ohio State University has been advised that the State of Ohio, through its Department of Public Works, proposes construction of a Health Laboratory Facility to be located within the general campus area of the University.

It has been requested through the Board of Regents and the Department of Finance, that there be perfected in the State of Ohio (as separate from campus land) a fee simple title to the land hereinafter described upon which the facility will be constructed.

BE IT THEREFORE RESOLVED, that the Board of Trustees approve the conveyance or other titling of land in the name of the State of Ohio, in accordance with a survey and description in process of preparation describing the land required by the State of Ohio and to be agreed to by the State of Ohio and The Ohio State University.

Location of the State Health Laboratory is shown as Building #106 on the map identified as "Master Plan for the Health Sciences Complex, The Ohio State University," dated April 4, 1968, which is on file with the official records of the Board of Trustees. The building, which covers an area of approximately 140' by 200', is located generally at the northwest corner of West Eighth Avenue and Perry Street.

The supervision and control of such land shall thereafter pass from the Board of Trustees to an appropriate department of State government. The President and Vice President for Business and Finance were further directed to do all things necessary to carry out the purpose expressed in this resolution, including entering into an agreement with an appropriate agency of State government if necessary, embodying matters contained in this resolution together with an appropriate reverter of supervision and control of the land and facility in the event of nonuse by such agency of the State of Ohio and containing other matters mutually agreed upon as well as ingress and egress to the property. This agreement shall also contain the necessary arrangements for utilities, care and custody of lands and buildings and reimbursement to The Ohio State University for services rendered to the State of Ohio, Health Laboratory Facility.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the above resolution was adopted by unanimous roll call vote.

I. Highway Research Laboratory - Disposition of Building Structures

The Highway Research Laboratory at East Liberty, Ohio, will eventually consist of seventy-seven separate parcels constituting approximately 5,500 acres of land, seventy-five residences, and other outbuildings and structures. A number of the residences, outbuildings, and structures are in excellent condition and located so as to constitute a definite advantage to the Highway Research Laboratory. The remainder of the residences, outbuildings, and structures are either unfit for habitation or use, or are located in areas of future construction. They constitute a serious threat to the community from the standpoint of vandalism, safety, and general appearance, and impair the orderly development of the facility.

September 12, 1968 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

I. Highway Research Laboratory - Disposition of Building Structures (continued)

President Fawcett recommended that the Board of Trustees authorize the College of Engineering, Engineering Experiment Station, to undertake the necessary arrangements for the eventual disposition of undesirable residences, outbuilding, and structures when they become unnecessary for the requirements of the Highway Research Laboratory. Disposition of the above will be accomplished by agreement with the Office of Business and Finance.

Upon motion of Mr. Hilliker, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

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X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of William Robert Jones, Professor of Classics in the Department of Classics; Louis Henry Burgwald, Professor Emeritus in the Department of Dairy Technology; and John A. Ramseyer, Professor of Education in the College of Education. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. William Robert Jones

The Board of Trustees expresses its sorrow at the death on August 6, 1968, of William Robert Jones, Professor of Classics.

Professor Jones was born in Lawrenceville, Illinois, July 8, 1917, and was graduated from Lawrenceville Township High School in 1933. His undergraduate work at the University of Illinois was highly distinguished, and he was elected to many honorary societies including Phi Beta Kappa and the all-University honorary, Phi Kappa Phi. He was graduated with high honors in Classics in 1937 and was awarded a University Scholarship for 1938-1939 and a University Fellowship for the two following years. He earned his A. M. in 1938 and his Ph. D. degree in 1940 with a brilliant dissertation on the MSS of Avianus.

In 1940 he came to The Ohio State University as an Instructor in Classics, and was promoted to Assistant Professor in 1945, Associate Professor in 1952, and Professor in 1965. During 1951-52 he received a Faculty Study Fellowship from the American Council of Learned Societies for studies in the field of modern Greek folk music. The year 1957-1958 he spent in Australia on a Fulbright grant as a lecturer at the University of Melbourne.

Professor Jones was recognized as an expert on Avianus and the ancient and medieval fable; he was at work at the time of his death preparing an extensive series of essays entitled Avianus in the Middle Ages. He was highly respected for the breadth of his interests and the precision of his knowledge in almost all the numerous branches of classical studies and

September 12, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. William Robert Jones (continued)

modern literature, particularly, English and German; in drama, both ancient and modern; and in music, in which he was a gifted performer on the piano and organ.

During the critical years of the war he assisted the German Department by teaching a course in German and later supervised students in classical drama with the English Department, acting as consultant to the theater division in the production of ancient dramas. He had a firm command of modern Greek, in which he was the official translator of letters and the official examiner of candidates for Fulbright scholarships.

Professor Jones was extraordinarily active in all phases of work relating to the classics. He was a consultant on etymology for the third edition of Webster's New International Dictionary (published in 1961) for which he revised the etymologies of more than five thousand words of classical origin. It was he who coined the name Xerox in response to a request from Battelle Memorial Institute.

Dr. Jones was active in classical societies--local, state, regional and national. He had made a most noteworthy contribution to the cause of classics by serving, since 1961, as the editor of the Classical Journal, published by the Classical Association of the Midwest and South and described in Professor Katz's selection guide for libraries as: "Outstanding general periodical in the field of the classics." This demanding task he performed so well that he was commended by the Executive Committee of the Association for "Broad and discriminating scholarship . . . Common sense and practical knowledge . . . Devoted and untiring labor . . . Congenial relations with departmental editors, contributors and members of our Executive Committee."

Professor Jones' memory will always be cherished by all those who had come to know him for his brilliant mind, his extraordinary range of learning and his unending kindness. His official list of services on University committees, to classical organizations, to the clubs of which he was a member and to his church is a very long one indeed. A superb teacher, he was widely loved. His students knew that they and their interests were first in his thoughts. He was one of the busiest members of the faculty, but he always had time for undergraduate and graduate students, colleagues or friends who needed his assistance or his advice. Not as a part but in addition to his teaching assignments he gave a regular series of readings from classical authors over WOSU.

It was characteristic of Professor Jones' complete selflessness that at the time of his death, although off duty, he helped direct the graduate students, arrange for master's and doctoral examinations and patiently read and corrected theses, dissertations and contributions to the Classical Journal. His department and this University have suffered an irreparable loss by his untimely death.

September 12, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. William Robert Jones (continued)

On behalf of the University at large, the Board of Trustees expresses to his relatives and friends its deep sympathy and sense of understanding in their loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

B. Louis Henry Burgwald

The Board of Trustees of The Ohio State University expresses its sorrow at the death August 16, 1968, of Louis H. Burgwald, Professor Emeritus in the Department of Dairy Technology.

Professor Burgwald was born February 28, 1892, in Cleveland. He attended the Lakewood High School and entered The Ohio State University in 1910 where he received the Bachelor of Science degree in 1914. He was awarded the Master of Science degree from the University of Wisconsin in 1932.

Following graduation from The Ohio State University, Professor Burgwald spent three years in the industrial field as a chemist and operations supervisor and then served for eleven years as a specialist with the United States Department of Agriculture, Washington, D. C. In 1929, he returned to The Ohio State University as a staff member in the Department of Dairy Technology where he performed with distinction for twenty-five years until his retirement in 1954. Thereafter, he joined the Foreign Agricultural Service of the United States Department of Agriculture serving for eight years as a dairy products marketing consultant until mandatory retirement in 1962 relieved him of full-time responsibilities. During this period, he traveled to thirty-seven countries where he was responsible for planning, formulating and coordinating marketing projects concerned with the effective distribution and utilization of dairy foods. Until 1968, he continued a part-time relationship with the United States Department of Agriculture as a consultant to the Flavor Evaluation Group of the Eastern Utilization Research and Development Division, Washington, D. C.

Professor Burgwald joined the Department of Dairy Technology in its infancy and his consecrated efforts in teaching, research and industry relations were immeasurably responsible for its subsequent development and reputation. In his years of dedicated teaching and warm and personal counseling, he touched the hearts and stimulated the minds of his students by imparting to them the basic principles and philosophies required for excellence in their professional and personal lives. Many distinguished graduates attribute their success directly to Professor Burgwald's influence. The affection and esteem with which he was held by the alumni was expressed eloquently by their gifts and personal testimonials at a special program they arranged in his honor at the time of his retirement from the University.

Professor Burgwald's research brought distinction to himself and to the University. His research contribution resulted in the publication of forty-two scientific papers. He gained eminence as an authority on dairy microbiology and his technical advice was sought continuously by governmental agencies, consulting organizations and industrial concerns.

X. RESOLUTIONS IN MEMORIAM (continued)

B. Louis Henry Burgwald (continued)

Throughout his career, Professor Burgwald was dedicated to the improvement, development, utilization and marketing of dairy products--and gave of his talents and energy unselfishly in furthering the welfare of the dairy industry. Through his efforts as a staff member of the University, he bridged the gap between the academic and industrial communities and created a strong allegiance of leading Ohio dairy executives for the University--an essential relationship which still prevails today. He helped to form the Dairy Technology Societies of Ohio, served as a Director of the Columbus Milk Council and in recent years was Superintendent of the Collegiate Students' International Dairy Products Judging Contest. In 1965, he was awarded the Distinguished Science Award of the American Dairy Science Association for his contributions to the dairy industry.

Throughout his life, Professor Burgwald possessed a loyalty for The Ohio State University exhibited by few persons and had a deep and abiding faith in its destiny. The words of "Carmen Ohio" held a meaningful and personal significance for him.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Emeritus Burgwald its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

C. John A. Ramseyer

The Board of Trustees of The Ohio State University expresses its sorrow at the death August 20, 1968, of John A. Ramseyer, Professor in the College of Education.

John Ramseyer was born April 13, 1908, in Hudson, Illinois. He received his B. A. degree from Bluffton College in 1929, his M. A. and Ph. D. degrees from The Ohio State University in 1934 and 1948 respectively.

Dr. Ramseyer began his teaching in the field of mathematics and science at Sulphur Springs, Genoa and Dover, Ohio, high schools. For a time after completing his degree at Bluffton College, he was an Instructor in Mathematics and Field Secretary there. He joined The Ohio State University staff in 1938 as an Assistant at University School where he later became an Instructor in 1939, Acting Director in 1944 and Director from 1948 until 1951. In 1951, Professor Ramseyer was named as Director of the School-Community Development Study supported through a grant from the W. K. Kellogg Foundation. In 1955, he was instrumental in the development of the University Council for Educational Administration and was appointed to the Board of Trustees of that group. Mr. Ramseyer helped incorporate the Council and establish its offices on The Ohio State University campus.

September 12, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. John A. Ramseyer (continued)

From 1951 through 1968, Dr. Ramseyer served as a Professor of Educational Administration in the College of Education. In 1964, he was invited to serve as Chairman of the College of Education Planning Committee for the formation of a new School of Education. On July 1, 1965, he became Director of the School of Education and served in that capacity until January 1, 1968. From 1959 through 1962, he served on the President's University Planning Committee and through the years was active on several significant University-wide committees.

In addition to his teaching at The Ohio State University, he served as Visiting Professor during summer sessions at the University of Virginia, Emory University, University of North Carolina, Washington State University, University of Hawaii and Miami University of Ohio. He worked as a consultant to school districts and professional associations throughout the country. He lectured at many universities in the United States and Canada. He was a speaker at State, Regional and National meetings of the National Educational Association, the National Association of Secondary School Principals, the National Department of Elementary School Principals, the County Superintendent's Association, the American Association of School Administrators, the University Council for Educational Administration Annual Meetings, the National Conference of Professors of Educational Administration and the Association for Supervision and Curriculum Development.

Mr. Ramseyer's leadership was respected within The Ohio State University, the State of Ohio, the nation and the world. He was called on frequently for service to national organizations such as the University Council for Educational Administration. He served as a member of the Committee for the Advancement of Educational Administration of the American Association of School Administrators and was a special consultant to that Committee for a number of months.

During his extraordinarily busy career, Professor Ramseyer produced a large number of journal articles as well as books, monographs, school surveys and other written documents. His books, often co-authored with other leading authorities in the field of school administration, have been widely used in instructional programs for the preparation of educational administrators.

John A. Ramseyer was loved, respected and admired by his students, his colleagues across the land and school personnel everywhere. He was called upon frequently to visit with school board members and local school administrators about their problems. His depth of understanding about schools, communities, teaching and administering was valued by school people and laymen alike. He was able to view complex matters with dispassion and to sort out the salient issues. His convictions about the worth of an individual and the worth of education to the individual were the most prominent values in his scale of things that were important. It was these criteria that became so controlling in his judgment and so respected by those who sought out his judgment.

September 12, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. John A. Ramseyer (continued)

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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XI. REPORTS

A. Reports from the Finance and Investment Committee

1. Report on the University's Investment Portfolio

The reports dated August 20, 1968 and September 11, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the Investment Portfolio, were received and ordered to be filed with the official records of the Board of Trustees.

2. Appropriations for University Administrative Officials

Mr. Jones moved that the amounts to be appropriated from the unrestricted interest on endowment funds in the University Treasury to certain principal administrative officers of the University for the purpose of carrying out their administrative responsibilities during the fiscal year 1968-69 be on the same basis as the appropriations for 1967-68: (1) to the President, \$10,000.00; (2) to each of the persons holding the following titles, \$1,000.00 - Vice President for Academic Affairs and Provost of the University; Vice President for Business and Finance; Vice President for Student Affairs; Vice President for Research; Vice President for Development; Vice President for Educational Services; Executive Dean for Student Statistical Services; Executive Director for University Relations; and Executive Assistant to the President; and (3) an additional amount of \$1,000.00 to be allocated at the discretion of the President for such costs as may be incurred by the administrative officers as they, by direction, further the fiscal progress of the University.

The above motion was seconded by Mr. Safford and approved by unanimous roll call vote.

September 12, 1968 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

3. Resolution Concerning the Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and the Dormitory Revenue Notes, Series 1968

Mr. Jones presented the following resolution:

RESOLUTION Concerning the Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and the Dormitory Revenue Notes, Series 1968, and Other Matters Related Thereto

RESOLVED, that the Board of Trustees hereby adopts the Series J Bond Resolution as set forth in the Fifth Supplemental Trust Agreement between the University and The Ohio National Bank of Columbus as Trustee, (presented to this meeting and marked Supplement A, page 187).

FURTHER RESOLVED, that the Board of Trustees hereby approves the Fifth Supplemental Trust Agreement (as presented to this meeting and marked Supplement A), in all respects and the officers designated in the Series J Bond Resolution are hereby authorized to execute and deliver said Fifth Supplemental Trust Agreement, in substantially the form presented, to The Ohio National Bank of Columbus, as Trustee, at such time as they may deem appropriate.

FURTHER RESOLVED, that the certificate of the President and Vice President, Business and Finance of the University, attached hereto and marked respectively Supplement B (page 221) and Supplement C (page 225), Supplement B setting forth the earnings coverage pursuant to Section 6(b) of the Original Bond Resolution, and Supplement C certifying as to there being no default under the Original Trust Agreement and Certain Facts pursuant to Section 2.03 (4) of the Trust Agreement be and the same are hereby approved.

FURTHER RESOLVED, that the Board of Trustees hereby confirms the applicability of the provisions of the resolutions adopted by the Board on September 1, 1958 and June 11, 1960 relating to the parietal rules governing the use and occupancy of the University dormitory facilities to all Dormitory Facilities.

FURTHER RESOLVED, that the Board of Trustees hereby confirms the applicability of the provisions of the resolution adopted by the Board of Trustees on June 8, 1967 and May 9, 1968 relating to the rates and charges for the dormitory and dining facilities of the University to all Dormitory Facilities.

September 12, 1968 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

3. Resolution Concerning the Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and the Dormitory Revenue Notes, Series 1968 (continued)

FURTHER RESOLVED, that the Board of Trustees and the University hereby establish such special bank accounts as may be required by the Fifth Supplemental Trust Agreement or the Original Trust Agreement, or by the resolution providing for the issuance and sale of the \$3,000,000 Dormitory Revenue Notes, Series 1968, or the Loan Agreement with the United States of America Contract No. H (402) 3007, dated January 1, 1968 and authorized signatures for withdrawals from such accounts shall be the same as the authorized signatures with respect to bank accounts in which there are deposited pursuant to said Original Trust Agreement and the Executive Officer or Fiscal Officer, or any one of them, are authorized to arrange for such accounts at such banks as the officer acting may determine and the Secretary of this Board is authorized to include in the minutes as hereby adopted any standard form of bank resolution required in connection with effecting the foregoing.

FURTHER RESOLVED, that the Executive Officer or Fiscal Officer of the University, or any one of them, are authorized and directed to do all things necessary for the sale of the Series J Bonds, subject, however, to all applicable provisions of the Series J Bond Resolution and the Loan Agreement with the United States of America.

FURTHER RESOLVED, that in addition to other terms herein defined, the term "Executive Officer" shall mean the Chairman of the Board of Trustees or the President of the University; and "Fiscal Officer" shall mean the Vice President, Business and Finance, or the Assistant Treasurer of the University; the terms "Original Bond Resolution," "Dormitory Facilities," "Trust Agreement," and "Project" shall have the same meanings as are given to them in the Series J Bond Resolution.

FURTHER RESOLVED, that the adoption of the Series J Bond Resolution and approval of the Fifth Supplemental Trust Agreement on July 13, 1967, be and the same are hereby repealed and rescinded, the same having been superseded by the aforesaid adoption of the Series J Bond Resolution and approval of the Fifth Supplemental Trust Agreement by the aforesaid act this day.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

4. Resolution Providing for the Issuance of \$3,000,000
Dormitory Revenue Notes, Series 1968

Mr. Jones presented the following resolution:

RESOLUTION providing for the issuance of \$3,000,000 Dormitory Revenue Notes, Series 1968, for the purpose of refunding \$3,000,000 Dormitory Revenue Notes of 1967 heretofore issued for the purpose of paying part of the cost of constructing and equipping certain dormitory and related dining facilities known as Drackett, Jones and Taylor Towers, Archer, Houck and Nosker Houses and Raney Commons Dining Facility.

WHEREAS, the Board of Trustees of The Ohio State University (herein called the "Board") is vested with the government of The Ohio State University (herein called the "University," or where the context admits collectively with the Board called the "University") and has the general supervision of all land, buildings and other property of the University and control of all expenses therefor pursuant to Chapter 3335 of the Revised Code of Ohio; and

WHEREAS, under Section 3345.07 of said Revised Code, the Board has authority to construct, equip, maintain and operate the Project described below and to issue bonds and notes to pay the costs thereof and pledge to the payment of such bonds and notes the net revenues of dormitory and dining facilities now or hereafter under the control of the Board as the Board may designate, and to issue such bonds and notes to refund bonds and notes previously issued for such purpose; and

WHEREAS, the Board has previously determined, and does hereby confirm, that it is necessary to provide additional dormitory accommodations and dining facilities for students of the University and, therefore to construct and equip on the campus of the University and dormitory and dining facilities known as Drackett, Jones and Taylor Towers, Archer, Houck and Nosker Houses, and Raney Commons Dining Facility, provided, however, that it subsequently determined not to construct and equip Dennis House (said dormitory buildings and dining facility and all things incidental thereto, exclusive of Dennis House, being herein called the "Project"); and

WHEREAS, the Board has heretofore duly issued, and there are presently outstanding, notes in the aggregate principal amount of \$3,000,000 Dormitory Revenue Notes, Series 1967, dated as of September 15, 1967, issued for the purpose of refunding in part \$14,000,000 Dormitory Revenue Notes of 1966, dated as of September 15, 1966, and issued for the purpose of paying the costs of the Project, and said 1967 Notes bearing interest

September 12, 1968 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

**4. Resolution Providing for the Issuance of \$3,000,000
Dormitory Revenue Notes, Series 1968 (continued)**

at the rate of 3% per annum, maturing on September 15, 1968 (the said outstanding note issue being herein called the "Outstanding Notes"); and

WHEREAS, the Board does hereby determine and confirm that it is necessary to issue the below authorized dormitory revenue notes in the principal amount of \$3,000,000 to refund the balance of the Outstanding Notes prior to the completion of permanent financing of that part of the Project known as Jones Tower, to be represented by an issue of \$3,000,000 Dormitory Revenue Bonds Series J, pursuant to Section 3345.07 of the Ohio Revised Code and pursuant to Resolution of the Board duly adopted this day authorizing said Series J Bonds; and

WHEREAS, the Fiscal Officer of the University has solicited proposals for the purchase of said \$3,000,000 Dormitory Revenue Notes at par and at an interest rate not to exceed 6% per annum and this Board now desires to award the Notes to the Original Purchaser described in Section 4 hereof;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University:

Section 1. It is hereby determined and declared that it is necessary to construct and equip that part of the Project known as Jones Tower and to issue and there shall be issued, pursuant to Section 3345.07 of the Revised Code of Ohio, The Ohio State University Dormitory Revenue Notes, Series 1968 (herein called the "1968 Notes"), in the aggregate principal amount of \$3,000,000 for the purpose of refunding the presently outstanding \$3,000,000 principal amount of The Ohio State University Dormitory Revenue Notes, Series 1967, dated as of September 15, 1967.

Section 2. The principal of and interest on the 1968 Notes shall be payable solely from (a) the revenues of the Dormitory Facilities, as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented pursuant to the terms thereof, after providing only for the reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made into the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes of the University to be issued pursuant to Section 3345.07 of the Revised Code of Ohio, or other authorizing provision of law, to refund the notes authorized hereby; and neither the State of Ohio nor the University or its Board of Trustees shall be obligated to pay the same from any other funds or source, nor shall such notes be a claim upon or lien against any other property of the University or the State of Ohio, and said notes are not general obligations of the State or the University, and

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

4. Resolution Providing for the Issuance of \$3,000,000
Dormitory Revenue Notes, Series 1968 (continued)

the full faith and credit thereof are not pledged thereto and the note-holders shall have no right to have any taxes levied, collected or applied for or to the payment thereof.

The University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance and delivery, prior to the maturity of the 1968 Notes, of dormitory revenue bonds or notes for the refunding of the 1968 Notes pursuant to Ohio Revised Code Section 3345.07, or other provision of law authorizing such revenue bonds or notes, in such principal amount as shall be necessary to pay the principal of and interest on the 1968 Notes and shall apply the proceeds thereof to such purpose, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale; and these obligations are established as duties specifically enjoined upon the University, its Trustees and officers, by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

Section 3. The 1968 Notes shall be dated as of September 15, 1968, shall mature on September 15, 1969, shall be in the denominations, bear interest at the rate with interest payable all as described in Section 4 below, or upon prepayment of the principal thereof as hereinafter provided, shall be designated "The Ohio State University Dormitory Revenue Notes, Series 1968." The University shall reserve the right to make prepayment of all or a portion of the principal amount of the 1968 Notes at any time or times without premium or penalty, provided that it may not make such payment through application of the proceeds of refunding notes for a period of one year from the date of said 1968 Notes. Said notes shall be payable at the office of the Original Purchaser, or at such other place as he may designate, and shall be signed by the Executive Officer or by the Fiscal Officer, may have the seal of the University impressed thereon, or a facsimile of said seal imprinted thereon. The definitive notes shall be substantially in the form attached hereto as Supplement D (page 229), the terms and covenants of which are incorporated herein, with such changes therein, not substantially adverse to the University, as the officers executing same and the Original Purchaser may agree upon.

For the purposes of this resolution "Executive Officer" shall mean the Chairman of the Board of Trustees or the President of the University; and "Fiscal Officer" shall mean the Vice President, Business and Finance, or the Assistant Treasurer of the University.

September 12, 1968 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

4. Resolution Providing for the Issuance of \$3,000,000
Dormitory Revenue Notes, Series 1968 (continued)

Section 4. Said 1968 Notes are hereby awarded to Huntington National Bank, Columbus, Ohio, pursuant to its proposal, a true copy of which was submitted to this meeting (filed with the official records of the Board of Trustees), bearing interest at the rate of 3.5%, interest payable on March 15 and September 15, 1969, in the denomination of \$3,000,000, and, in accordance with this Resolution, the Executive Officer and the Fiscal Officer are each hereby authorized and directed to do all things necessary for the delivery of said notes in accordance with this said award, the proposal and this Resolution.

Section 5. The proceeds of said notes shall be applied promptly to the payment and discharge of the Outstanding Notes, and the Fiscal Officer is hereby directed to apply to the payment of interest on said outstanding notes such amount from the construction funds for the Project or from available surplus dormitory revenues as shall be needed therefor.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

B. Highlights of University Activities

President Fawcett reported to the Board on some of the significant activities that have taken place in recent weeks. Some references included in the report, which is filed with the official records of the Secretary, were as follows:

1. Despite government cutbacks in certain areas, research contracts and grants received at Ohio State totaled the highest in its history during the last fiscal year. Vice President Alfred B. Garrett said the July 1 financial report of the University's Research Foundation shows a total of sponsored research contracts and grants of \$16,784,814 for 1967-68. This compares with a figure of \$15,717,593 for the previous year. About \$700,000 in institutional grants from the National Science Foundation and the National Institutes of Health should be added to the total which makes a total of almost \$17.5 million as compared to about \$16.3 million last year.
2. Results of the National Medical Board Part III Examinations, taken this past spring by the College of Medicine third-year class, when compared with results of students from other American medical schools, showed that The Ohio State University College of Medicine ranked in the top five of the 40 participating medical schools, according to Dr. Richard L. Meiling, Dean of the College. Dean Meiling said that innovations in the medical curriculum over the past several years (computer-assisted instruction is an example) no doubt contributed to this achievement.

September 12, 1968 meeting, Board of Trustees

XI. REPORTS (continued)

B. Highlights of University Activities (continued)

The test, administered by the National Board of Medical Examiners, was given to third-year medical students on an experimental basis. It is usually administered to physicians completing their internship programs.

3. A sign for the purpose of identifying slow-moving vehicles on public highways to serve as a warning to motorists which was devised by Mr. Kenneth Harkness of the Department of Agricultural Engineering in 1963 has received national and international acceptance as evidenced by its use on all of the highways in the United States and the Provinces of Canada. This invention was considered an important factor in improving safety on the highways and it was recommended that it be freely available to the public. For this reason The Ohio State University "dedicated it to public use."

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Thereupon the Board adjourned to meet Wednesday, October 9, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

John T. Mount
Secretary

John W. Bricker
Chairman

SUPPLEMENT A

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES J

FIFTH SUPPLEMENTAL TRUST AGREEMENT

Page 188 Blank

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES J

FIFTH SUPPLEMENTAL TRUST AGREEMENT

THIS FIFTH SUPPLEMENTAL TRUST AGREEMENT, dated as of the 15th day of April, 1968 (herein called the "Supplement"), by and between The Ohio State University and its Board of Trustees (herein called the "University"), a state university of Ohio, and The Ohio National Bank of Columbus, Columbus, Ohio (herein called the "Trustee"), a corporation duly organized and existing under and by virtue of the laws of the United States, as Trustee under the Trust Agreement dated as of April 15, 1967 hereinafter mentioned.

WITNESSETH:

WHEREAS, the University, pursuant to the Original Bond Resolution passed April 8, 1957, entered into a Trust Agreement dated as of April 15, 1957 with the Trustee and as of April 15, 1958, October 15, 1959, April 15, 1961, April 15, 1963, and August 1, 1967, respectively entered into First, Second, Third and Fourth Supplemental Trust Agreements (which original Trust Agreement, as so supplemented thereby and hereby is herein called the "Trust Agreement") under which \$31,560,000 Series A, B, C, D, E, F, G, H and I Dormitory Revenue Bonds have been authorized and have been or are to be issued and under which additional bonds (herein called "Additional Bonds") are issuable on a parity with the said Bonds and other Additional Bonds hereafter issued under certain conditions as provided in the Trust Agreement; and

WHEREAS, the University has in all respects complied with the provisions of the Trust Agreement so as to be entitled to execute and to have authenticated and delivered by the Trustee \$3,000,000 Additional Bonds; and

WHEREAS, the University further desires by this Supplement to provide for the issuance under the Trust Agreement of said \$3,000,000 of Additional Bonds (herein called the Series J Bonds); and

Fifth Supplemental Trust Agreement

WHEREAS, the Board of Trustees of the University has duly adopted on September 12, 1968 the Series J Bond Resolution providing for the Series J Bonds and this Supplement, which resolution, collectively with the Original Bond Resolution, the Series C and D Bond Resolutions adopted July 8, 1960, the Series E, F, G and H Bond Resolution adopted June 15, 1962, and the Series I Bond Resolution adopted July 13, 1967 is referred to as the Bond Resolution; and

WHEREAS, the Series J Bond Resolution is as follows:

RESOLUTION

Providing for the issuance of \$3,000,000 The Ohio State University Dormitory Revenue Bonds, Series J, as Additional Parity Bonds pursuant to Bond Resolution adopted April 8, 1957 and Trust Agreement dated as of April 15, 1957, for the purpose of constructing and equipping Jones Tower.

WHEREAS, the Board of Trustees of The Ohio State University (herein called the Board) is vested with the government of The Ohio State University (herein called the University or, when the context admits, collectively with the Board called the University) by Section 3335.03 of said Revised Code, and as such Board, of suing and being sued, contracting and being contracted with, and of making and using a common seal and, under Section 3335.10 of said Revised Code, has general supervision of all land, buildings and other property of the University and control of all expenses therefor; and

WHEREAS, by authority of Section 3345.07 of the Revised Code of Ohio, the Board is authorized to construct, equip, maintain and operate upon sites within, or in close proximity to, the campus of the University, buildings to be used as dormitories and as other suitable living quarters, or as dining halls, for students and members of the faculty and servants and wives and families of married students of said University (including all separate or connected buildings, sites, equipment, structures and utilities to be used in connection with the maintenance or operation of, or in any way supplementing or related to the services or facilities to be provided

Fifth Supplemental Trust Agreement

by such buildings) and to pay for the same out of funds in its possession derived from operation of any such buildings under its control or out of funds borrowed therefor and to borrow funds for such purpose upon such terms as said Board may deem proper and issue notes or other written instruments evidencing such indebtedness provided that such indebtedness shall not be a claim against or lien upon any property of the State or any property of or under the control of said Board excepting such parts of the receipts of the operation of any such buildings under control of the Board as it may pledge to secure the payment of such indebtedness and by authority of said Section 3345.07 the Board is also authorized to issue such notes or other obligations payable as aforesaid in order to retire or refund outstanding notes or other obligations matured or unmatured, to repay moneys previously borrowed or advanced under said section or to reimburse funds of the University for amounts used under said Section 3345.07; and

WHEREAS, the University determined by resolution adopted April 8, 1957 (herein called the Original Bond Resolution and collectively with this resolution, the Series C and D Bond Resolution adopted July 8, 1960, the Series E, F, G and H Bond Resolution adopted June 15, 1962 and the Series I Bond Resolution adopted July 13, 1967, called the Bond Resolution) to provide for the issuance of Dormitory Revenue Bonds and pursuant to the Trust Agreement dated as of April 15, 1957 with The Ohio National Bank of Columbus (herein, with the First, Second, Third, Fourth and Fifth Supplements, called the Trust Agreement), to pledge the net income of all the dormitory facilities, including married student housing and dining halls, now or hereafter under control of the University pursuant to Ohio Revised Code Section 3345.07, and to provide in said Trust Agreement for the issuance of such Bonds (herein called the Bonds) as from time to time authorized subject to the conditions contained in said Trust Agreement, and by the Original Bond Resolution and the Trust Agreement provided for the sale of an initial issue of \$12,000,000 consisting of

Fifth Supplemental Trust Agreement

\$6,000,000 Series A Bonds and \$6,000,000 Series B Bonds (herein called the Series A and Series B Bonds) and for the issuance from time to time as authorized by the Board of additional bonds (herein called Additional Bonds) on a parity with said initial issue of which \$2,330,000 Series C Bonds, \$2,030,000 Series D Bonds, \$5,300,000 Series E Bonds, \$1,200,000 Series F Bonds, \$1,350,000 Series G Bonds, \$2,850,000 Series H Bonds and \$10,500,000 Series I Bonds have been authorized and issued and the unmatured portions of such Series A through I Bonds are presently outstanding; and

WHEREAS, the University has not pledged or encumbered the revenues from its dormitory facilities on a basis equal or prior to the pledges under the Trust Agreement; and

WHEREAS, the University has determined to sell an issue of \$3,000,000 Additional Bonds as Series J Bonds (herein called the Series J Bonds) all as provided in the Trust Agreement; and

WHEREAS, the Board by the adoption of this resolution has determined and confirmed that it is necessary to provide additional dormitory accommodations and dining facilities located on or in close proximity to the campus of the University and, accordingly, hereby declares and determines that it is immediately necessary to construct and equip additional dormitory facilities to be known as Jones Tower (said dormitory building and all things incidental thereto being herein referred to as the Project); and

WHEREAS, said Project is to be constructed pursuant to plans prepared by the University Architect and approved by the Department of Public Works of Ohio and the Department of Housing and Urban Development of the United States of America (herein called the Government); and

WHEREAS, based upon final construction and other costs, the University has determined the costs of the Project to be \$4,000,000, including capitalized interest, miscellaneous expense and contingencies; and

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WHEREAS, the University has heretofore by the Series I Bond Resolution adopted July 13, 1967, allocated \$610,000 of the proceeds of the sale of the Series I Bonds to the Series J Construction Fund hereinafter provided for to be held for paying costs of the Project and the University has \$390,000 of funds otherwise available for such purpose which this Board has heretofore authorized and directed be deposited in said Series J Construction Fund to be held and used for paying costs of the Project; and

WHEREAS, the University has determined to borrow the balance of the funds to pay the foregoing costs, and to advertise for bids, subject to the terms of the loan agreement (numbered Contract No. H (402) 3007) dated as of January 1, 1968 covering Project No. CH-Ohio-216 (D) (herein with any amendments thereto called the Loan Agreement) with the Government under which the Government agrees, subject to the terms of the Loan Agreement, to purchase the \$3,000,000 Dormitory Revenue Bonds, Series J.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University:

Section 1. Purpose of Series J Bonds. It is hereby determined to be necessary to construct the Project and to issue \$3,000,000 of Dormitory Revenue Bonds of the University pursuant to Section 3345.07 of the Revised Code of Ohio and the Trust Agreement for the purpose of paying part of the cost of the Project and of all things incidental thereto or incidental to the financing thereof, including repayment of moneys previously borrowed or advanced for the Project or restoring amounts used for the Project from other funds of the University available for such purposes, excepting, however, the sum of \$610,000 allocated from the proceeds of the Series I Bonds and the \$390,000 of other funds otherwise available for such purpose deposited to the Series J Construction Fund under this Resolution.

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Section 2. Terms of Series J Bonds. Said \$3,000,000 of Dormitory Revenue Bonds Series J shall be issued under this Resolution, the Original Bond Resolution, and the Trust Agreement, and shall be entitled "The Ohio State University Dormitory Revenue Bonds." The Series J Bonds shall be initially issued in coupon or fully registered form as may be requested by the Original Purchaser and shall be exchangeable for fully registered or coupon bonds in the manner and on the terms provided by the Trust Agreement. Series J Bonds in coupon form shall be dated as of April 15, 1968, and shall be issued as negotiable coupon bonds, registrable as to principal in the denomination of \$5,000 or as single maturity fully registered bonds without coupons in denominations of \$5,000 or any multiples thereof, as requested by the Original Purchaser or Purchasers of such Bond or Bonds; provided, however, that until such time as the Original Purchaser or Purchasers request(s) the preparation of definitive bonds, a single multiple maturity, fully registered bond or bonds without coupons shall be issued in an amount equal to the bonds contracted for by said Purchaser or Purchasers and thereafter at the request of the holder(s) thereof the University will, at its expense and within ninety days from such request, issue to him in exchange therefor definitive bonds, as aforesaid, in aggregate principal amount equal to the unpaid principal of such single bond. The Series J Bonds shall be numbered J 1 to J 600, inclusive, in order of maturity, and fully registered Bonds without coupons shall be numbered as determined by the Fiscal Officer, shall bear interest from their date or from the last interest payment date preceding the date of issuance, payable semi-annually on April fifteenth and October fifteenth of each year, beginning with October 15, 1968, until the principal sum is paid, at the rate or rates per annum stipulated in the bid or bids of the successful bidders and approved in writing by the President or Fiscal Officer of the University, (or in the case of Bonds purchased by the Government pursuant to the Loan Agreement, at the rate specified in the Loan Agreement) provided that no such rate shall exceed 6% per annum. The Series J Bonds shall mature annually on October fifteenth in the years and amounts per year as follows:

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<u>Years</u>	<u>Amount</u>	<u>Years</u>	<u>Amount</u>	<u>Years</u>	<u>Amount</u>
1971-1974	\$45,000	1989-1990	\$ 75,000	2001	\$105,000
1975-1977	50,000	1991-1993	80,000	2002-2003	110,000
1978-1980	55,000	1994	85,000	2004	115,000
1981-1983	60,000	1995-1996	90,000	2005	120,000
1984-1985	65,000	1997-1998	95,000	2006-2007	125,000
1986-1988	70,000	1999-2000	100,000	2008	130,000

The Series J Bonds maturing on and after October 15, 1979 shall be subject to redemption in whole or in part in inverse order of maturity, prior to the stated maturity thereof at the option of the University on any interest payment date on and after April 15, 1979, at redemption prices equal to the following percentages of the principal amount redeemed, plus accrued interest to the date fixed for redemption, to wit:

- 3 % if redeemed April 15, 1979 through October 15, 1983, inc.
- 2-1/2% if redeemed April 15, 1984 through October 15, 1988, inc.
- 2 % if redeemed April 15, 1989 through October 15, 1993, inc.
- 1-1/2% if redeemed April 15, 1994 through October 15, 1998, inc.
- 1 % if redeemed April 15, 1999 through October 15, 2003, inc.
- 0 % if redeemed April 15, 2004 or thereafter

If some but less than all of one maturity are to be called, the selection of coupon bonds or portions of fully registered bonds of that maturity to be called shall be chosen by lot conducted by the Trustee under the Trust Agreement. If single multiple maturity fully registered bond or bonds is or are issued for the Series J Bonds, the annual principal payments with respect thereto may be prepaid in the above manner, and, if the Government is the holder, the University may, at its option, prepay from funds available therefor, on any interest payment date, the entire unpaid principal amount of the Series J Bonds or from time to time, in the inverse chronological order of the aforesaid installments, a lesser proportion thereof in multiples of \$5,000. Call for redemption shall be made by notice specifying the numbers, and portions of registered bonds, of the Series J Bonds to be called, published by the Trustee on behalf of the University once a week for two consecutive weeks in a financial newspaper of national circulation, published in the English language in New York City and in an English language newspaper

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of general circulation in Columbus, Ohio, the first publication to be not less than thirty (30) days prior to the date of redemption. Any bonds thus called for redemption and for the retirement of which funds are deposited with said Trustee as provided in the Trust Agreement on or before the redemption date shall cease to bear interest on said redemption date. If the Series J Bonds are all registered, or are issued as a single multiple maturity fully registered bond or bonds, published notice of redemption shall not be required, but notice by registered or certified mail shall be given not less than thirty (30) days prior to the date of redemption to the registered owner or owners at the address(es) appearing on the Bond Registry. Except in the case of redemption of Bonds held by the Government from the Construction Fund as provided in Section 4 of this Resolution, or in a corresponding provision of a resolution authorizing Additional Bonds, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called. A registered bond shall have prepayment provisions consistent with the redemption rights relating to coupon bonds which it replaces.

Subject to the terms of the Loan Agreement, the principal and interest of the Series J Bonds shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, at the principal office of the Trustee under the Trust Agreement (presently, The Ohio National Bank of Columbus, Columbus, Ohio), or, at the option of the holder, at the principal corporate trust office of the United States Trust Company of New York, in the Borough of Manhattan, City and State of New York except that interest on fully registered bonds is payable by check as provided in the Trust Agreement, and principal on fully Registered Bonds may also be payable at such additional place or places, at the option of the holder as shall be designated by the Fiscal Officer of the University; provided, however, that payment of principal and interest on a single multiple maturity fully registered bond without coupons may at the request of the registered owner be made on each principal and interest payment date by draft or check mailed to such

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registered owner, or, if the Government is the registered owner, to the Federal Reserve Bank of Richmond, Richmond, Virginia, or to such other place as may be designated by the Government.

The Series J Bonds shall have such other terms and conditions and shall be issued, executed and delivered as provided by the applicable provisions of the Trust Agreement, and of or pursuant to the Loan Agreement.

Section 3. Sale of Series J Bonds. The \$3,000,000 Series J Bonds shall be advertised for sale, awarded and delivered by the President or the Fiscal Officer of the University pursuant to the provisions of the Loan Agreement, and said officers and each of them are authorized to take any and all actions necessary of the Government.

Section 4. Allocation of Proceeds of Series J Bonds. Upon the issuance and delivery of the Series J Bonds, the Fiscal Officer of the University shall forthwith establish a bank account in the name of the University designated "Series J Construction Fund," (hereinafter called the "Construction Fund"). The proceeds from the sale of said Bonds shall be forthwith deposited and applied by the University as follows:

- (1) The portion representing accrued interest to the Debt Service Fund provided for in the Original Trust Agreement to be held by the Trustee, and the portion representing premium above par paid to the University for such Bonds to the Debt Service Reserve Funds.
- (2) To the University, the amounts necessary to reimburse the University for amounts in excess of \$1,000,000 expended by it on costs of construction of the Project prior to issuance of the Series J Bonds. (Said \$1,000,000 consisting of the \$610,000 of the proceeds of the Series I Bonds allocated to the Construction Fund under the Series I Bond Resolution and the \$390,000 of funds otherwise available for such purpose and deposited by the University in the Construction Fund.)
- (3) The balance to the Construction Fund to be held by the Trustee to pay costs of construction of the Project and to pay all incidental expenses of the Project and the financing thereof, including repayment (with interest) of money borrowed by the University for such purposes in accordance with the Loan Agreement.

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- (4) Any balance remaining in the Construction Fund after payment, or retention of funds sufficient to pay, costs and other amounts provided for in (3) above, shall be promptly applied to the extent possible for the retirement at par plus accrued interest in inverse order of maturity of Series J Bonds, if any, then held by the Government, and any portion not needed for such retirement shall be transferred to the Debt Service Reserve Fund.

No part of the proceeds of Series J Bonds sold to the Government shall be used to pay costs (including cost of movable equipment or fees of a financial advisor) which, under the Loan Agreement or under the rules, regulations or practices of the Department of Housing and Urban Development, may not be paid from proceeds of Bonds purchased by the Government through that agency, and proceeds of Bonds purchased by the Government as aforesaid shall be segregated in the Construction Fund to the extent necessary to effect the foregoing and none of the funds in the Construction Fund shall be applied in any manner contrary to the Loan Agreement.

The Trustee shall apply said Construction Fund to the payment of such items as from time to time are requested in writing by the Fiscal Officer of the University. Such written request shall include a certificate by such official that the amount to be paid from such Construction Fund constitutes authorized payments from said fund under the foregoing provisions of this Section 4. If the payment is to be made with respect to an obligation under a construction contract relating to the Project, such written request shall certify that such payment was certified as due under such contract by a qualified architect or engineer.

To the extent the moneys in the Construction Fund exceed the estimated disbursements needed to pay the costs of the Project for the next ninety (90) days the Construction Fund shall be deposited by the Trustee in banks that are members of the Federal Deposit Insurance Corporation, or invested by the Trustee in such direct obligations of, or obligations the principal of and interest on which are guaranteed by, the United States which shall not mature later than eighteen (18) months after the date of such investment and which shall be subject to redemption at any time, in either

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event as shall be directed in writing by the President or the Fiscal Officer of the University, which writing shall designate maturities and amounts which, as nearly as practicable, would, through maturities, provide funds when needed to pay costs for which the respective funds have been established. Such investments and the proceeds of sale thereof shall constitute part of the fund from which the investment was made. Interest on such investments may be paid to the Dormitory Revenue Fund or applied to the purposes of the fund from which the said investments shall be sold, exchanged or collected from time to time as directed in writing by the President or the Fiscal Officer of the University and the Trustee shall be under no liability in connection with such investment, sale, exchange or collection thereof provided the directions of said officers are followed. No direction shall be made to invest the Construction Fund except as permitted by the Loan Agreement.

Section 5. Additional Bonds. (a) The Board shall have the right from time to time to issue Additional Bonds under the Trust Agreement if necessary to pay the costs of completing the Project or completing any projects for which Additional Bonds are issued. The Trustee shall authenticate and deliver such Bonds upon (but only upon) receipt of the documents required by Section 2.03 of the Trust Agreement. Nothing herein or in the Trust Agreement shall require any earnings coverage, or certificate with respect thereto, in connection with Additional Bonds issued for completion of a project.

(b) The Board shall also have the right from time to time to issue Additional Bonds under the Trust Agreement to provide funds for purposes authorized by Section 3345.07 of the Revised Code of Ohio, including construction and equipment by the University of buildings to be used as dormitories or as other living quarters or the refunding of outstanding bonds or notes issued under said Section 3345.07. The Trustee shall authenticate and deliver under the Trust Agreement Additional Bonds issued under this subdivision (b) if, (but only if), when such Additional Bonds are issued, the University

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shall have furnished to the Trustee in addition to the documents required by Section 2.03 of the Trust Agreement, a certificate of the President and the Fiscal Officer of the University, approved by the Board of Trustees, (1) showing that (a) the actual net income from the dormitory facilities of the University (excluding net income from any dormitory facility which is to be abandoned or which is not suitable for continuous use as a dormitory facility for the term of such Additional Bonds) for the preceding fiscal year, as adjusted, if necessary, to reflect the schedule of rates and charges to become effective at the beginning of the next semester, quarter or other school period and to give recognition to any anticipated changes in operating costs; plus (b) the estimated annual net income of the dormitory facilities to be financed through the proceeds of the sale of such Additional Bonds will be equal to or greater than one and three-tenths (1.3) times the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest charges on the Bonds then outstanding hereunder and on the Bonds then to be authenticated and delivered; (2) showing that, until the dormitory facility being constructed from the proceeds of the Additional Bonds, is ready for occupancy, funds then available from net income, bond proceeds, gifts, legacies, devises or grants or other sources for payment when due of principal and interest on the Bonds will be at least one and three-tenths (1.3) times the principal and interest requirements for that period; (3) showing that there were not included in net income any receipts against which there is any prior claim other than the use thereof for the operating expenses included in computing the net income; (4) furnishing such other information in support of the foregoing as may reasonably be requested by the Trustee; (5) showing that the computations of estimates provided for above are based on an assumed occupancy of not more than 95% of capacity of the dormitory facilities in question.

The first call date on Additional Bonds shall not be earlier than the first call date on any issue of Bonds outstanding at the time of issue of such Additional Bonds.

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Section 6. Terms of the Bonds Generally. As used in this Resolution, the term "Bonds" refers to the Series A, B, C, D, E, F, G, H, I and J Bonds and all Additional Bonds issued on a parity therewith under the Trust Agreement. The Bonds shall be designated The Ohio State University Dormitory Revenue Bonds, shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, shall have all the incidents of negotiable instruments under the laws of Ohio, shall express upon their face the purpose for which they are issued, and shall be issued pursuant to Section 3345.07 of the Revised Code of Ohio. Unless otherwise provided by the Board, the Bonds shall be signed by the Chairman of the Board or bear his facsimile signature, shall be signed by the President of the University or bear his facsimile signature, shall be attested by the Secretary of the Board or by the Vice President, Business and Finance of the University, and may be sealed with the seal of the University or a facsimile thereof, and interest coupons attached to the Bonds shall bear the facsimile signature of the Secretary of the Board or of the Vice President, Business and Finance of the University. In case any officer whose signature or a facsimile of whose signature shall appear on any Bonds or coupons shall cease to be such officer before the delivery of such Bonds, such signature or such facsimile shall nevertheless be valid and sufficient for all purposes, the same as if he had remained in office until such delivery. Except in the case of redemption of Bonds of a particular series from the surplus proceeds of that issue as provided in Section 5 of the Original Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time. The additional Bonds shall bear such designations as may be necessary to distinguish them from other Bonds having different provisions and shall have maturities, interest rates, interest payment dates, redemption provisions, denominations, registration provisions, and other provisions as provided in the Resolution providing for issuance of the Additional Bonds, provided,

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however, that such terms and provisions shall not be inconsistent with this Resolution, the Trust Agreement and in the Bonds, the Bonds shall be equally and ratably payable from and secured by pledge of, the receipts from the operation of all dormitory facilities now or hereafter under control of the Board including the dining facilities constituting a part thereof, after provision for reasonable and proper expenses of operation and maintenance of such facilities; and anything in this Resolution, the Bonds or the Trust Agreement to the contrary notwithstanding, neither this Resolution, the Bonds, nor the Trust Agreement shall be a claim against or a lien upon any property of the State of Ohio or any property of or under the control of the Board except the portion of said receipts pledged as provided herein; provided, however, that nothing herein shall be deemed to prohibit the University, of its own volition, from using, or pledging, to the extent it is lawfully authorized to do so, any of its other resources or revenues for the fulfillment of any of the terms, conditions or obligations of the Trust Agreement, this Resolution, or any of the bonds.

Section 7. Covenants of the University. The University covenants with the holders of the Bonds and with the Trustee under the Trust Agreement that (a) it will adopt and maintain so long as any of the Bonds are outstanding such parietal rules, and charge and collect such rental rates and charges, from time to time, as may be necessary to assure such occupancy and use of, and receipts from, the dormitory facilities as will pay the costs of maintenance and operation and provide for the payment of the principal of and interest on the Bonds and other payments to Special Funds required by Section 8 of this Resolution; (b) from funds lawfully available, it will cause the Project and any project to be constructed from the proceeds of Additional Bonds to be completed and equipped in an efficient and economical manner with reasonable dispatch and in a manner consistent with the plans and recommendations of responsible architects and all applicable laws, ordinances and regulations; (c) subject to the right of abandonment under conditions provided in the Trust Agreement designed to prevent

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adverse effect of such abandonment on the expected earnings coverage of Debt Service, it will, from the dormitory receipts pledged under this resolution and as part of the operating expenses, maintain, preserve and keep the dormitory facilities in good repair, working order and operating condition and continuously operate the same on a revenue producing basis, and will apply the receipts therefrom only as provided in Section 8 of this Resolution and in the Trust Agreement; (d) it will furnish to the Trustee and the Original Purchasers of the Bonds within 120 days after the close of each fiscal year an annual report of the accounts (including each Special Fund provided for in Section 8 of this Resolution) and operations of the dormitory facilities prepared by qualified accountants approved by the Trustee; (c) it will keep proper books of record and accounts separate from all other records and accounts, in which complete and correct entries will be made of all transactions relating to the dormitory facilities and will at all reasonable times permit the Trustee, the Original Purchasers or any holder or holders of 25% of the outstanding Bonds, or their authorized representatives, to inspect the dormitory facilities and any books, documents and vouchers relating thereto; (f) it will furnish heat, light, power, water and other necessary services to the dormitory facilities at not in excess of reasonable cost; (g) it will comply with all the terms and conditions of the respective Loan Agreements with the Department of Housing and Urban Development as long as the United States holds any of the Series B, D, F, G, H and J Bonds; (h) it will insure the dormitory facilities as required by the Trust Agreement and apply the proceeds of such insurance as provided therein; and (i) will observe and perform all its agreements and obligations provided for by the Bonds, the Trust Agreement or the Bond Resolution.

Section 8. Application of Receipts; Special Funds. There was established by the Original Bond Resolution a Special Fund designated "Dormitory Revenue Fund," which fund shall be maintained in a bank account, or invested as herein authorized, in the name of the University separate and distinct from all other funds of the University

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and subject to the withdrawals and uses herein authorized, is pledged to and charged with the payment of the principal, interest, and premium, if any, on all the Bonds issued under the Trust Agreement.

Under the Original Bond Resolution there shall be maintained in the Dormitory Revenue Fund, as an Operating Reserve, such amount as is from time to time certified by the Fiscal Officer of the University as adequate and necessary for working capital for operation and maintenance of the dormitory facilities; provided, that such Operating Reserve shall not exceed one-fourth of the operating and maintenance expenses of the dormitory facilities for the preceding 12 months.

All receipts from dormitory facilities now or hereafter under the control of the Board, including the dining halls constituting part thereof, shall be deposited in the Dormitory Revenue Fund.

The Dormitory Revenue Fund, including the Operating Reserve, shall be applied to pay when due all reasonable and proper expenses of operation and maintenance (as defined in Section 10) of the dormitory facilities, excluding extraordinary repair and replacement expenses payable from the Contingency Repair and Replacement Fund and expenses of or provision for depreciation or capital replacement.

The remainder of the Dormitory Revenue Fund, after retaining therein the then current Operating Reserve and payment of said operation and maintenance expenses then due, shall be applied as provided in the Original Bond Resolution, namely, as follows and in the following order of priority:

First: Into the Debt Service Fund, to be held by the Trustee as a separate fund and used for the payment of principal and interest on the Bonds, the amounts provided in the Original Bond Resolution and in the Bond Resolutions relating to the Series C, D, E, F, G, H and I Bonds for payment of principal and interest on the Series A, B, C, D, E, F, G, H and I Bonds and, in addition, (1) on or before April 1 and October 1 of each year an amount equal to the interest due and on the next ensuing

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interest payment date in that year on the Series J Bonds then outstanding; provided, that, the amount so payable on any such date into the Debt Service Fund shall be reduced by the amount then remaining in said Debt Service Fund from the accrued interest and from the funds deposited therein for capitalized interest pursuant to Section 4 of this Resolution; (2) on or before April 1 and October 1 of each year, the equal semi-annual amounts necessary to provide for payment of any principal maturity in that year on the Series J Bonds; (3) if Additional Bonds shall be issued under the Trust Agreement, such additional amounts and at such times as specified in the resolution authorizing such Additional Bonds, which amounts shall be not less than necessary to provide in the Debt Service Fund amounts, in addition to the amounts hereinbefore provided for the Series A, B, C, D, E, F, G, H, I and J Bonds, sufficient to pay in full interest and principal on all Additional Bonds then outstanding, as the same shall become due and payable provided that no payments need be made to the Debt Service Fund so long as the amounts in the Debt Service Fund and Debt Service Reserve Fund aggregate at least the total principal and interest payable on all Bonds then outstanding to the dates of their respective maturities.

Second: Into the Debt Service Reserve Fund, to be held by the Trustee as a separate fund for the payment of principal and interest on, and purchase or redemption of, the Bonds as herein provided, on or before April 1 and October 1 of each year and on such other dates as amounts are payable into the Debt Service Fund with respect to Additional Bonds, such amounts as are necessary to create and maintain in said Debt Service Reserve Fund the required reserve, namely, an amount equal to the maximum principal and interest requirements for any consecutive two-year period on all Bonds at the time outstanding;

Third: Into the Contingency Repair and Replacement Fund, to be held by the University as a fund separate and distinct from all other funds of the University, semi-annually on or before April 1 and October 1 of each year, or as soon thereafter as the

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required reserve has been established in the Debt Service Reserve Fund, an amount equal to one-quarter of one percent of the cost of construction on all dormitory facilities then under the control of the Board and 3 percent of the cost of movable equipment for all such dormitory facilities, which fund may be used by the University to the extent necessary for payment of principal and interest on the Bonds or for extraordinary repairs and replacements to the dormitory facilities or for construction or equipping of additional dormitory facilities;

Fourth: On April 1 and October 1 of each year, to the foregoing funds, such amounts as may be necessary to make up previous deficiency in any deposits required by the foregoing paragraphs of this section;

Fifth: So long as there is no deficiency in any of the deposits provided for in Paragraphs First through Fourth above and so long as the amounts in the Debt Service Reserve Fund are at least equal to the then required reserve, any amounts in the Dormitory Revenue Fund, after reserving therein the then current Operating Reserve, may be used for any purpose of the University for which such funds may lawfully be used.

The Debt Service Fund is irrevocably pledged to and shall be used by the Trustee for the payment of principal and interest on the Bonds and, until required for such purposes, shall be invested by the Trustee in such direct obligations of the United States as the President and the Fiscal Officer of the University shall direct in writing addressed to the Trustee, which writing shall determine that the maturity of the respective obligations is not later than the date on which such funds will be required for payment of such principal and interest. The Trustee shall transfer from the Debt Service Fund to the Paying Agents amounts sufficient to enable said Paying Agents to pay when due principal and interest on the Bonds, or the Trustee shall make such credit arrangements with said Paying Agents as to permit such payments.

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The Debt Service Reserve Fund is irrevocably pledged to, and shall be used by the Trustee for, the payment of principal and interest on the Bonds if other available funds are insufficient for that purpose, and, to the extent herein provided, for purchase or redemption of Bonds. Until required for such purposes it shall be invested by the Trustee in such direct obligations of the United States as the President and the Fiscal Officer of the University shall direct in writing, which obligations shall, subject to the applicable provisions of the Loan Agreement, mature not more than five years from the date of investment. The Trustee shall transfer from the Debt Service Reserve Fund to the Debt Service Fund such amounts as are necessary in addition to amounts available in the Debt Service Fund, including funds transferred from the Contingency Repair and Replacement Fund, to enable said Paying Agents to pay when due the principal and interest on the Bonds.

Any amounts in the Debt Service Reserve Fund in excess of the required reserve provided for in Paragraph Second above shall be used to purchase Bonds for retirement or to redeem Bonds then subject to redemption to the extent and in the manner from time to time requested in writing by the President and the Fiscal Officer of the University. In calculating at any time whether additional amounts are required to be paid into the Debt Service Reserve Fund under Paragraph Second above and in calculating the excess over the required reserve, no value shall be given to any investments of the fund other than direct obligations of the United States maturing within five years from the date of such calculation, but, in all other respects, such investments shall be valued at their face amount or market value, whichever is lower.

The Contingency Repair and Replacement Fund is irrevocably pledged to, and shall be used by the University for, extraordinary repairs and replacements to the dormitory facilities or to construct or equip additional dormitory facilities or for the retirement of all then outstanding Bonds by purchase or redemption or for payment of the principal and interest by transfer to the Debt Service Fund as herein provided.

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The University shall transfer from the Contingency Repair and Replacement Fund to the Debt Service Fund such amounts as are from time to time necessary, in addition to the other amounts available in the Debt Service Fund and without use of the Debt Service Reserve Fund, to provide for the payment, when due, of the principal and interest on the Bonds and shall not use any of this fund for repairs or replacement or additional facilities if there is any deficiency in any of the deposits required to be made under subparagraphs First or Second of this Section. Until required for such purposes, the Contingency Repair and Replacement Fund may be invested by the President and the Fiscal Officer of the University in direct obligations of the United States maturing not more than five years from the date of investment subject, however, to the applicable provisions of the Loan Agreement.

Investments made pursuant to this Section 8 of any amounts in any Special Fund herein created and the interest thereon and the proceeds thereof shall constitute part of that Special Fund and be added to that particular fund. Such investments shall be sold, exchanged or collected from time to time as directed by the President and the Fiscal Officer of the University, and the Trustee shall be under no liability and have no responsibility in connection with such investment, or the sale, exchange or collection thereof, provided the directions of said officers are followed.

Section 9. Trust Agreement. In order to secure the payment of the principal and interest on the Bonds, the President of the University and the Chairman of the Board of Trustees, and each of them, are authorized to execute, acknowledge and deliver as may be appropriate the Fifth Supplemental Trust Agreement in substantially the form attached hereto, and the Secretary of the Board of Trustees is authorized to seal and attest the same, with such changes not unfavorable to the University as the Officers acting shall deem advisable and as shall be approved by the Original Purchasers of the Series J Bonds. The terms and provisions of the Trust Agreement are hereby confirmed and adopted and the terms of said Trust Agreement purporting to be applicable

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to the Series A and Series B Bonds or to the Project to be constructed from the proceeds of the Series A and Series B Bonds shall be deemed equally applicable to the Series J Bonds and the Project covered by this Resolution to the extent that the same are not inconsistent with the terms or provisions of this Resolution and the context so permits.

Section 10. Definitions. Where the context permits, the following terms as used in this Resolution or in the Trust Agreement shall have the following meanings:

(1) "the Fiscal Officer" shall mean the Vice President, Business and Finance, of the University or any official or employee performing the duties of such officer for the time being. The Comptroller, or the Assistant Vice-President - Assistant Treasurer, or any official or employee performing the duties of such officers for the time being, shall also be "a Fiscal Officer" when the context so permits. (2) "Additional Bonds" shall mean Bonds issued pursuant to the Trust Agreement in addition to and on a parity with the Series A, B, C, D, E, F, G, H, I and J Bonds and "Bonds" shall mean both the Series A, B, C, D, E, F, G, H, I and J Bonds and Additional Bonds; (3) "Agreement" or "Trust Agreement" shall refer to the Trust Agreement dated as of April 15, 1957 as from time to time supplemented pursuant to its terms; (4) "Dormitory Facilities" shall mean buildings, groups of buildings or parts of or additions to buildings, including the sites therefor, now or hereafter constructed, acquired by or under the control of the Board and authorized to be constructed, equipped, maintained and operated by Section 3345.07 of the Revised Code of Ohio, including the dormitories, additions to dormitories, dining facilities, and married student housing facilities or projects and all separate or connected buildings, sites, equipment, structures and utilities to be used in connection with the maintenance or operation of, or in any way supplementing or related to the services or facilities to be provided by such buildings located on or in close proximity to the campus; (5) "Net Income" shall mean all receipts of the operation of dormitory facilities after deducting therefrom the reasonable and proper operating and maintenance expenses thereof;

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(6) "Reasonable and Proper Operating and Maintenance Expenses" shall mean ordinary and usual reasonable expenditures necessary to the operation, repair and maintenance of the dormitory facilities including, without limiting the generality of the foregoing, taxes, fees and expenses of the Trustee and paying agents and any expenses required to be paid by the Bond Resolution or the Trust Agreement, but excluding provision or expenditure for depreciation or capital replacement or expenditures for administration or regulation of the occupants of the dormitory facilities which expenditures do not constitute costs of the type included as costs of operation of the dormitory facilities under the present accounting practice of the University or expenditures for extraordinary repairs or replacements or payments to the Debt Service Fund, Debt Service Reserve Fund or Contingency Repair and Replacement Fund; (7) "Trustee" refers to the Trustee under the Trust Agreement, presently The Ohio National Bank of Columbus; (8) any reference to an officer of the University or of the Board in this Resolution shall refer to the person holding such office or, in the event of resignation, absence, incapacity or vacancy in such office, then the person performing the duties of such office; any reference to Section 3345.07 of the Revised Code of Ohio shall, where the context permits, mean said section as it now exists and as it is from time to time amended, supplemented or affected by later legislation.

Section 11. General. The appropriate officers of the University and the Board, the architects and engineers employed by the University, and the Trustee designated in the Trust Agreement are authorized and directed to do all things necessary or proper to carry out the terms and provisions of this Resolution, the Trust Agreement and the sale referred to in Section 3 above and to effect the execution, sale and delivery of said Series J Bonds in accordance therewith if approved by the President and Fiscal Officer of the University. It may be required as part of the terms of sale of the Series J Bonds that prior to or at the time of delivery of the Series J Bonds there shall have been executed and delivered contracts for construction of the principal

Fifth Supplemental Trust Agreement

portions of the Project and provisions shall have been made for obtaining sufficient amounts to pay all costs of the Project as estimated by the Project architect. The obligations imposed upon the University under this Resolution or the Trust Agreement are established as duties specifically enjoined upon the University, the Board and the officials of the University by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

WHEREAS, the text of the Series J Bonds and the coupons, if any, to be attached thereto and the authentication certificate of the Trustee to be endorsed thereon are to be substantially as follows:

(Form of Coupon Bond)

The form of Coupon Bond shall be identical with the form of Coupon Bond set forth in the Trust Agreement dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate and corresponding coupon form in said Coupon Bond the following paragraphs and coupon form:

* * * * *

This Bond is a Series J Bond and is one of a duly authorized issue of \$3,000,000 Dormitory Revenue Bonds of the University, issued and to be issued from time to time, pursuant to Section 3345.07 of the Revised Code of Ohio and the Resolutions of the Board of Trustees of April 8, 1957 and September 12, 1968 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third, Fourth and Fifth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after April 15, 1969, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: three percent (3%) if redeemed 1979 to 1983, inclusive; two and one-half percent (2-1/2%) if redeemed 1984 to 1988, inclusive; two percent (2%) if redeemed 1989 to 1993, inclusive; one and one-half percent (1-1/2%) if redeemed 1994 to 1998, inclusive; and one percent (1%) if redeemed 1999 to 2003, inclusive; and zero percent

Fifth Supplemental Trust Agreement

(0%) if redeemed 2004 and thereafter. If less than all the Bonds (or parts of Registered Bonds) of one maturity and of one series are to be called, the Coupon Bonds or portions of fully Registered Bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds from surplus proceeds of that issue as provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

The Series A, B, C, D, E, F, G, H, I and J Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees as defined in the Agreement after provision only for reasonable operating and maintenance expenses thereof.

The Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as registered bonds without coupons in denominations of \$5,000 and any multiple thereof. Registered Bonds without coupons may be exchanged for coupon Bonds or for other registered Bonds without coupons, and coupon Bonds may be exchanged for registered Bonds without coupons, all on the terms and under the conditions and upon payment of the charges, if any, and with the effect provided in the Agreement.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this Bond to be signed by the facsimile signatures of the Chairman of the Board of Trustees and of the President of the University and to be attested by the Vice President, Business and Finance, of the University and to bear a facsimile of the seal of the University and the interest coupons attached hereto to bear the facsimile signature of the Secretary of the Board of Trustees, all as of April 15, 1968.

(Form of Trustee's Authentication Certificate)

TRUSTEE'S CERTIFICATE

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fifth Supplemental Trust Agreement dated as of April 15, 1968.

Fifth Supplemental Trust Agreement

The Ohio National Bank of Columbus,
Trustee

By _____
Authorized Officer

(Form of Coupon Bond)

On the _____ day of _____, 19____, unless the bond to which this coupon is attached has been called for previous redemption, The Ohio State University and its Board of Trustees, as such Trustees and not individually, will pay to bearer, but only from the sources and in the manner provided in the Trust Agreement dated April 15, 1967, and supplement thereto dated April 15, 1968, between the said University and said Board and The Ohio National Bank of Columbus, as Trustee, and not from the general or ordinary funds of the State of Ohio or said Board or University, on the surrender of this coupon at the principal office of The Ohio National Bank of Columbus, Columbus, Ohio, or, at the option of the holder, at the principal corporate trust office of The United States Trust Company of New York, in the Borough of Manhattan, City and State of New York

DOLLARS (\$))
in lawful money of the United States of America, being interest then due on The Ohio State University Dormitory Revenue Bond, Series J dated April 15, 1968.

(Facsimile Signature) _____ Bond No. _____
Secretary of _____ Coupon No. _____
The Board of Trustees

(Form of Fully Registered Bond of Single Maturity)

The form of Registered Bonds without coupons of single maturity shall be identical with the form of Registered Bond set forth in the Trust Agreement dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate in said Registered Bond the following paragraphs:

This Bond is a Series J Bond and is one of a duly authorized issue of \$3,000,000 of Dormitory Revenue Bonds of the University, issued and to be issued from time to time, pursuant to Section 3345.07 of the Revised Code of Ohio and the resolutions of the Board of Trustees of April 8, 1957 and _____.

Fifth Supplemental Trust Agreement

1968 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third, Fourth and Fifth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after April 15, 1979, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: three percent (3%) if redeemed 1979 to 1983, inclusive; two and one-half percent (2-1/2%) if redeemed 1984 to 1988, inclusive; two percent (2%) if redeemed 1989 to 1993, inclusive; one and one-half percent (1-1/2%) if redeemed 1994 to 1998, inclusive; and one percent (1%) if redeemed 1999 to 2003, inclusive; and zero percent (0%) if redeemed 2004 and thereafter. If less than all the Bonds (or parts of registered Bonds) of one maturity and of one series are to be called, the coupon bonds or portions of fully registered bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds from surplus proceeds of that issue as provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

The Series A, B, C, D, E, F, G, H, I and J Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees as defined in the Agreement after provision only for reasonable operating and maintenance expenses thereof.

The Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as registered bonds without coupons in denominations of \$5,000 and any multiple thereof. Registered Bonds without coupons may be exchanged for coupon Bonds or for other registered Bonds without coupons, and coupon Bonds may be exchanged for registered Bonds without coupons, all on the terms and under the conditions and upon payment of the charges, if any; and with the effect provided in the Agreement.

Fifth Supplemental Trust Agreement

(Form of Trustee's Authentication Certificate)

TRUSTEE'S CERTIFICATE

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fifth Supplemental Trust Agreement dated as of April 15, 1968.

THE OHIO NATIONAL BANK OF COLUMBUS,
Trustee

By _____
Authorized Officer

* * * * *

(Form of Single Fully Registered Bond Covering
More Than One Maturity)

The Form of Single Fully Registered Bond without coupons covering more than one maturity for Series J Bonds shall be substantially as set forth in First Supplement to Trust Agreement dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate the following paragraphs and the terms of the bonds relating to denomination and alternate paying agent, the installment payments and redemption provisions shall correspond to the denominations, alternate paying agent, maturities and redemption provisions provided in the Bond Resolution for the Series J coupon Bonds which that single fully registered bond replaces.

* * * * *

This Bond, designated Dormitory Revenue Bond, Series J (herein referred to as the Bond), is issued in lieu of an issue of a like principal amount of serial coupon bonds of similar designation maturing in the amounts and on the dates of the above installments, bearing interest at the same rate and each in the denomination of \$5,000, and with the above coupon bonds, is authorized to be issued, pursuant to Section 3345.07 of the Revised Code of Ohio and the resolutions of the Board adopted April 8, 1957 and _____, 1968 (herein collectively called the bond Resolution) and the Supplemental Trust Agreement described below, for the purpose of paying the costs of constructing and equipping certain dormitory facilities and repaying advances made for that purpose and is secured by Trust Agreement dated as of April 15, 1957, as supplemented by the First, Second, Third, Fourth and Fifth Supplements between the University and The Ohio National Bank of Columbus as Trustee (herein called the Trust Agreement). This Bond is exchangeable at the sole expense of the University at any time,

Fifth Supplemental Trust Agreement

upon 90 days' notice, at the request of the registered owner hereof and upon surrender of this Bond at the office of the Trustee, together with an assignment and instructions duly executed by the registered owner in such form as shall be satisfactory to the Trustee, for Coupon Bonds authorized by the Trust Agreement bearing interest payable on the same dates and at the same rate and maturing in the same amounts and on the same dates as the then unpaid installments of this Bond, with coupons attached representing all unpaid interest due or to become due thereon, or for single maturity registered bonds without coupons authorized by the Trust Agreement bearing interest payable on the same dates and at the same rate and maturing in the same amounts and on the same dates as the then unpaid installments of this Bond.

* * * * *

In addition to the installments of principal required to be paid by the Board as hereinabove set forth, the Board, at its option, shall have the right to prepay from time to time, or at one time, in whole or in part, on any interest payment date on or after _____ in inverse chronological order of the aforesaid installments the entire then unpaid principal amount hereof, or such lesser portion thereof in multiples of \$5,000 as the Board may determine at the principal amount of such prepayment plus the following premiums (expressed in terms of percentage of amount of such prepayment) plus accrued interest to the date of prepayment; provided, however, that so long as the registered owner hereof shall be the Payee, (1) the Board may, at its option, prepay from surplus proceeds of the sale of this Bond as provided in the Bond Resolution on any interest payment date the entire then unpaid principal amount hereof or from time to time in the inverse chronological order of the aforesaid installments, a lesser portion thereof in multiples of \$5,000 and (2) the prepayments authorized herein may be made at the times provided without premium. Except in the case of prepayment from surplus proceeds from the sale of this Bond as provided in the Bond Resolution, no Bonds of any series may be called or prepayments made pursuant hereto unless the same proportion of the total principal amount of then outstanding bonds of each other series, then callable, are called at the same time.

Notice of any such intended prepayment shall be published by the Trustee on behalf of the University at least once a week for two consecutive weeks, the first publication to be not less than thirty (30) days prior to said redemption date, in a financial newspaper of national circulation published in the English language in the City of New York, New York, and in an English language newspaper of general circulation in the City of Columbus, Ohio. Interest upon the amount of principal as to which notice of prepayment has been given shall cease upon the prepayment

Fifth Supplemental Trust Agreement

date if funds have been deposited with the Trustee on or before such prepayment date in an amount sufficient to make such prepayment.

The Series A, B, C, D, E, F, G, H, I and J Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Trust Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees after provision only for reasonable operating and maintenance expenses thereof.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this Bond to be signed by the Chairman of the Board of Trustees and by the President of the University, and to be attested by the Secretary of the Board of Trustees and to bear a facsimile of the seal of the University, all as of April 15, 1968.

THE OHIO STATE UNIVERSITY
and
THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

Attest:

By _____
Chairman of the Board of Trustees
of and by The Ohio State University

Secretary of the Board of
Trustees

President of The Ohio State University

(Form of Trustee's Authentication Certificate)

Trustee's Certificate

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by First, Second and Fifth Supplements.

THE OHIO NATIONAL BANK OF COLUMBUS,
Trustee

By _____
Authorized Officer

Fifth Supplemental Trust Agreement

NOW, THEREFORE, THIS SUPPLEMENTAL TRUST AGREEMENT, WITNESSETH that in order to secure the payment of the principal of and interest on the Bonds according to their true intent and meaning, and to secure the performance and observance of all covenants and conditions therein and herein, in the Bond Resolution and in the Trust Agreement contained, and for and in consideration of the premises and of the purchase and acceptance of the Bonds by the holders thereof from time to time, and the acceptance by the Trustee of the further trusts hereby created, and for other good and valuable considerations the receipt of which is hereby acknowledged, the University has executed and delivered this Fifth Supplemental Agreement.

IN TRUST, NEVERTHELESS, upon the terms and trusts in the Trust Agreement and in this Supplement set forth for the equal and proportionate benefit and security of all present and future holders of the Bonds and appurtenant coupons issued or to be issued under and secured by the said agreements, without preference, priority or distinction, as to lien or otherwise, of any one bond or coupon over any other by reason of priority in the time of the issue or negotiation thereof or otherwise, except as may be otherwise expressly provided in said Trust Agreement.

AND IT IS HEREBY COVENANTED AND DECLARED by the University with the Trustee and its successors in the trust under the Trust Agreement for the benefit of those who shall hold such Bonds and appurtenant coupons at any time issued and outstanding under the Trust Agreement as follows:

Section 1. Incorporation of Bond Resolution. The Series J Bond Resolution is hereby made a part of this Supplement and of the Trust Agreement.

Section 2. Form, Execution and Delivery of Series J Bonds. The Series J Bonds shall be executed, authenticated and delivered as provided herein, and said Series J Bonds, the coupons to be attached thereto, and the certificate of authentication of the Trustee to be endorsed thereon shall be substantially in the form provided in the preambles hereto with any necessary modifications to conform hereto.

Fifth Supplemental Trust Agreement

Section 3. Proceeds of Sale. The proceeds from the sale of the Series J Bonds shall be applied as provided in the Bond Resolution.

Section 4. Concerning the Trustee. The Trustee hereby accepts the trusts hereby declared and provided and agrees to perform the same upon the terms and conditions in the Trust Agreement and in this or any other Supplement set forth.

The Trustee shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Supplement or the due execution thereof by the University, nor for or in respect of the recitals herein contained, all of which recitals are made by the University solely. In general, each and every term and condition contained in the Original Trust Agreement shall apply to this Supplement, with such omissions, variations and modifications thereof as may be appropriate to make the same conform to this Supplement.

IN WITNESS WHEREOF, the Board of Trustees has caused this Fifth Supplemental Trust Agreement to be executed and its seal to be hereto affixed and The Ohio National Bank of Columbus, Columbus, Ohio, as Trustee, in token of its acceptance of the trusts created hereunder, has caused this Fifth Supplemental Trust Agreement to be executed and has caused its seal to be hereto affixed all as of the day and year first above written.

(SEAL)

The Ohio State University
and
The Board of and Trustees of
The Ohio State University

Attest:

Secretary

By _____
President

(SEAL)

And By _____
Chairman of the Board

Attest:

The Ohio National Bank of Columbus,
Trustee

Trust Officer

By _____
Vice President

Fifth Supplemental Trust Agreement

STATE OF OHIO)
) SS:
COUNTY OF FRANKLIN)

On this _____ day of _____, 19____, before me a Notary Public in and for said County and State personally appeared _____ and _____, the President and the Chairman of the Board, respectively, of The Ohio State University, and acknowledged the execution of the foregoing instrument, and that the same is their voluntary act and deed on behalf of said University and its Board of Trustees and the voluntary act and deed of said University and Board of Trustees.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

(SEAL)

Notary Public
My Commission Expires: _____

STATE OF OHIO)
) SS:
COUNTY OF FRANKLIN)

On this _____ day of _____, 19____, before me a Notary Public in and for said County and State personally appeared _____ and _____, the Vice President and Trust Officer, respectively, of The Ohio National Bank of Columbus, the bank which executed the foregoing instrument as Trustee, who acknowledged that the seal affixed to said instrument is the seal of said bank, that they did sign said instrument as such officers, respectively, for and on behalf of said bank and by authority granted in its rules and regulations and by its Board of Directors; that the same is their free act and deed as such officers, respectively, and the free act and deed of said The Ohio National Bank of Columbus.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

(SEAL)

Notary Public
My Commission Expires: _____

SUPPLEMENT B

THE OHIO STATE UNIVERSITY

Certificate of Earnings Coverage Under Section
6(b) of the Original Bond Resolution Adopted
April 8, 1957, for Issuance of \$3,000,000
Dormitory Revenue Bonds, Series J

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THE OHIO STATE UNIVERSITY

Certificate of Earnings Coverage Under Section
6(b) of the Original Bond Resolution Adopted
April 8, 1957, for Issuance of \$3,000,000
Dormitory Revenue Bonds, Series J

The undersigned respectively, the President and the Fiscal Officer of The Ohio State University (the latter being also the Vice President, Business and Finance of the University) pursuant to Section 6(b) of the Original Bond Resolution adopted April 8, 1957, certify as follows in connection with the issuance of \$3,000,000 Dormitory Revenue Bonds, Series J:

1. That the actual net income from existing dormitory facilities (other than those referred to in 2 below) for the fiscal year ended June 30, 1968, adjusted pursuant to said Section 6(b), is:
(Note 1) \$2,442,991

2. That the estimated annual net income from dormitory facilities to be financed through issuance of the Series J Bonds consisting of Jones Tower is: (Note 2) 203,984

- Total of Items 1 and 2 above is: \$2,646,975

3. That the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest charges on the Series A, B, C, D, E, F, G, H, I and J Bonds is: (Note 3) \$1,980,766

4. That the ratio of total of such net income to such maximum annual principal and interest requirements on Series A, B, C, D, E, F, G, H, I and J Bonds is: 1.3363

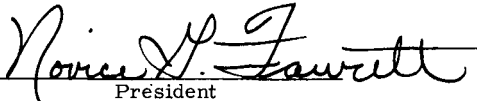
5. That there was not included in such net incomes net income from any dormitory facility which is to be abandoned or which is not suitable for continuous use as a dormitory facility for the term of the Series J Bonds, nor any receipts against which there is any prior claim other than the use thereof for the operating expenses of the dormitory facilities.

Note 1 The term dormitory facilities as herein used shall mean dormitory facilities as that term is defined in the Trust Agreement with The Ohio National Bank of Columbus, dated as of April 15, 1967, as supplemented by First through Fourth Supplemental Trust Agreements. The actual net income for the year ended June 30, 1968, reflects the latest schedule of rates and charges approved by the Board of Trustees on May 9, 1968, and effective at the beginning of the Autumn Quarter of the academic year 1968-69; and gives recognition to changes in operating costs of the dormitory facilities,

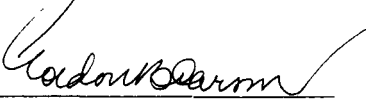
Certificate of Earnings Coverage

resulting from the review and recomputation of the basis of allocating costs of heat, light, power and water to all auxiliary facilities, including dormitory facilities, by direction of the Board of Trustees pursuant to which the revised reasonable changes therefor to the dormitory facilities are reduced by an estimated \$200,000.

- Note 2 Estimated net income is computed in accordance with the Trust Agreement on the basis of 95% occupancy and estimated expenses are consistent with those experienced in similar existing facilities. It is certified that Jones Tower will be in operation and revenue producing by September, 1969.
- Note 3 Series J Bonds are computed at 3%. Series A through I Bonds are computed on basis of actual interest rates for those bonds.



President
The Ohio State University



Vice President, Business
and Finance
The Ohio State University

Dated: _____, 1968

SUPPLEMENT C

THE OHIO STATE UNIVERSITY

Certificate Pursuant to Section 2.03(4) of Trust Agreement
Between the University and the Ohio National Bank of
Columbus, as Trustee, Dated April 15, 1967 for Issuance
of \$3,000,000 Dormitory Revenue Bonds, Series J

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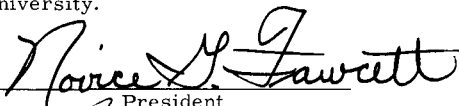
THE OHIO STATE UNIVERSITY

Certificate Pursuant to Section 2.03 (4) of Trust Agreement
Between the University and The Ohio National Bank of
Columbus, as Trustee, Dated April 15, 1967 for Issuance
of \$3,000,000 Dormitory Revenue Bonds, Series J

The undersigned respectively, the President and the Vice President,
Business and Finance of The Ohio State University, pursuant to Section 2.03 (4)
of the Trust Agreement between the University and The Ohio National Bank of
Columbus, as Trustee, dated April 15, 1957, certify as follows in connection
with the issuance of \$3,000,000 Dormitory Revenue Bonds, Series J:

- (a) That they know of no existing facts which would be an event of default under the Trust Agreement and that they know of no facts which, on granting of the application for the authentication of the Series J Bonds, would result in the University being in default in the performance of any of the terms or covenants of the Trust Agreement;
- (b) That, in the opinion of the signer thereof, all conditions provided in the Trust Agreement precedent to the granting of said application have been complied with;
- (c) That, since the beginning of the current fiscal year, there has been no material change which would adversely effect the estimates in the Earnings Certificate referred to in Section 6 (b) of the Original Bond Resolution relating to the Series J Bonds; and
- (d) That the proceeds of the Series J Bonds will be sufficient to, and are necessary to, complete the project for which they are issued.

The undersigned further certify that the Vice President, Business and Finance, is the chief financial officer of the University.



President
The Ohio State University



Vice President, Business
and Finance
The Ohio State University

_____, 1968

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SUPPLEMENT D

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1968

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UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1968

KNOW ALL MEN BY THESE PRESENTS that The Ohio State University and its Board of Trustees (herein collectively called the University), for value received, hereby promise to pay, solely from the sources hereinafter set forth, to _____ or order, _____, the principal sum of _____

on one year from date hereof and to pay, solely from said sources, interest thereon from the date hereof at the rate of _____ percent (%) per annum until payment of such principal sum has been made or provided for, such interest to the maturity hereof being payable on March 15, 1969 and September 15, 1969 or upon prepayment of the principal hereof. The University reserves the right to make prepayment of all or a portion of the principal amount of this note at any time or times without premium or penalties, provided that it may not make such payment through application of the proceeds of refunding notes for a period of one year from the date of this note. The interest on this note and the principal hereof are payable in lawful money of the United States of America at the principal office of _____

_____, Columbus, Ohio, upon the presentation and surrender of this note except for the March semi-annual interest, receipt for which shall be acknowledged by the holder hereof as indicated below. The principal and interest hereof are payable solely from (a) the revenues of the Dormitory Facilities, as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented pursuant to the terms thereof, after providing for reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made to the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes issued pursuant to Section 3345.07 of the Revised Code of Ohio, or other authorizing provision of law, to refund the notes of this issue; and neither the State of Ohio nor the University or its Board of Trustees is obligated to pay the same from any other funds or source, nor shall this note be a claim upon or lien against any other property of the State or the University, and this note is not a general obligation of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment hereof.

This note is one of a duly authorized issue of notes in the aggregate principal amount of Three Million Dollars (\$3,000,000) issued for the purpose of refunding the presently outstanding \$3,000,000 The Ohio State University Dormitory Revenue Notes, Series 1967, dated as of September 15, 1967 under authority of, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Section 3345.07 of the Revised Code, and pursuant to a Resolution of the Board of Trustees of said University duly adopted on the _____ day of _____, 1968.

In consideration of the loan evidenced by this note, the University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of this note, of dormitory revenue bonds or notes for the refunding of this note, pursuant to Section 3345.07 of the Revised Code of Ohio or other provision of law authorizing such bonds or notes, in such principal

The Ohio State University Dormitory Revenue Note, Series 1968

amount as shall be necessary to pay the principal of and interest on the notes of this issue and shall apply the proceeds thereof to such purpose, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined by law upon the University, its trustees and officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

This note is executed on behalf of said Board of Trustees of The Ohio State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions, and things necessary to be done precedent to and in the issuance of this note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this note to be signed on their behalf by the Assistant Treasurer of the University, all as of the fifteenth day of September, 1968.

THE OHIO STATE UNIVERSITY
and
THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

(SEAL)

By _____
Assistant Treasurer of The
Ohio State University

Receipt of \$ _____ from The Ohio State University this _____ day of March, 1969, in full satisfaction of the first semi-annual interest payment on the aforesaid note, is hereby acknowledged.

(Signature)

(Title)

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 9, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, October 9, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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October 9, 1968 meeting, Board of Trustees

President Fawcett presented Dr. Edward Q. Moulton, Executive Assistant to the President and Secretary of the Board of Trustees, whose appointment becomes effective November 1, 1968.

Mr. Bricker, Chairman of the Board, responded by extending a warm welcome to Dr. Moulton as he rejoins the administrative staff of The Ohio State University.

President Fawcett presented the following recommendations:

I. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the September 12, 1968 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

A. Promotions

S. Earl Brown, Professor in the Department of Geography to Assistant Dean in the College of Social and Behavioral Sciences, effective October 1, 1968, at "No Salary" for the year. Dr. Brown will continue to hold his Professorship in the Department of Geography at a salary of \$13,668.00 per annum.

Henry L. Plaine, Professor in the College of Biological Sciences to Assistant Dean in the College of Biological Sciences, effective October 1, 1968, at a salary of \$15,648.00 per annum. Dr. Plaine will continue to hold his Professorship in the Genetics Academic Faculty of the College of Biological Sciences.

B. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Charles R. Oaklief, Instructor (County Extension Agent, 4-H) Fairfield County, effective October 1, 1968 through December 15, 1968, to participate in a program of professional improvement at The Ohio State University.

C. Leaves of Absence Without Salary

Franklin Monroe Ludden, Professor, School of Art, effective October 1, 1968 through September 30, 1969, for personal reasons.

October 9, 1968 meeting, Board of Trustees

I. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Lewis C. Saboe, Professor (Extension Agronomist), Cooperative Extension Service, effective September 16, 1968 through October 15, 1968, for a study of Vietnam Extension Program.

George J. Demko, Associate Professor, Department of Geography, effective October 1, 1968 through February 28, 1969, to accept a research grant for the study of Russian peasant and worker discontent in revolutions of 1905 and 1917.

James Richard Erickson, Associate Professor, Department of Psychology, effective October 1, 1968 through September 30, 1969, to accept a Visiting Professorship at the University of Colorado.

John W. Crawford, Assistant Professor, Department of Obstetrics and Gynecology, effective August 1, 1968 through October 31, 1968, for personal reasons.

Mohammad Haseeb Rizvi, Assistant Professor, Department of Mathematics, effective October 1, 1968 through September 30, 1969, to continue research at Stanford University.

D. Emeritus Title

Gladyce E. Scott, University Libraries, with the title Instructor Emeritus, effective October 1, 1968.

Upon motion of Mr. Ketterer, seconded by Mr. France, the Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" an official document of the University.

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II. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and
The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by the Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, A Phytochemical Search for Medicinal Constituents (to be known as National Institutes of Health Project No. 865-J - Ext. #10 - College of Pharmacy).
Gross Value - \$23,818.00.
- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Cooperative Study of Renovascular Hypertension (to be known as National Institutes of Health Project No. 1346-G - Ext. #7 - Department of Surgery).
Gross Value - \$8,368.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Nursing, Bethesda, Maryland, Improving Competence of Nursing Faculty in Research (to be known as National Institutes of Health Project No. 1384-D - Ext. #4 - School of Nursing).
Gross Value - \$24,011.00.
- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Arlington, Virginia, The Nurse-Monitor in a Patient Care System (to be known as National Institutes of Health Project No. 1651-E - Ext. #5 - Department of Business Organization).
Gross Value - \$68,558.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Mental Health Administration, Bethesda, Maryland, Time and Training Effects in Compound Conditioning (to be known as National Institutes of Mental Health Administration Project No. 1779-D - Ext. #4 - Department of Psychology).
Gross Value - \$40,098.00.
- a6. Aeronautical Systems Division, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Solid State Electronic Techniques (to be known as Aeronautical Systems Division, Research and Technology Division Project No. 2011 - C. O. #8 - Department of Electrical Engineering).
Gross Value - \$132,400.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a7. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Polyfunctional Catalysis of Hydrogen Exchange (to be known as National Institutes of Health Project No. 2078-C - Ext. #3 - Department of Chemistry).
Gross Value - \$28,402.00.
- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085-C - Ext. #3 - Department of Pharmacology).
Gross Value - \$20,168.00.
- a9. Agency for International Development, Washington, D. C., Human Resource Development Planning Project for Bolivia (to be known as Agency for International Development Project No. 2176-A - Amend. #4 - Department of Economics).
Gross Value - \$36,600.00.
- a10. Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Junior High School Industrial Technology Curriculum Project (to be known as Office of Education Project No. 2361 - Rev. #2 - College of Education).
Gross Value - \$500,000.00.
- a11. National Aeronautics and Space Administration, Washington, D. C., Millimeter-Wavelengths Propagation Studies (to be known as National Aeronautics and Space Administration Project No. 2374 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$50,000.00.
- a12. Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (to be known as Department of Air Force, Aeronautical Systems Division Project No. 2382 - C. O. #4 - Department of Electrical Engineering).
Gross Value - \$84,000.00.
- a13. Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Survey of Technology on Communication Through the Plasma Sheath (to be known as Department of Air Force, Air Force Systems Command Project No. 2438 - C. O. #3 - Department of Electrical Engineering).
Gross Value - \$20,000.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Structural Investigations on Mucopolysaccharides (to be known as National Institutes of Health Project No. 2516-A - Ext. #1 - Department of Chemistry).
Gross Value - \$17,854.00.
- a15. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow (to be known as National Institutes of Health Project No. 2518-A - Ext. #1 - Department of Physiology).
Gross Value - \$500.00.
- a16. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Interactions of Adrenergic Blockers (to be known as National Institutes of Health Project No. 2523-A - Ext. #1 - College of Pharmacy).
Gross Value - \$6,408.00.
- a17. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as National Institutes of Health Project No. 2525-A - Ext. #3 - Department of Pathology).
Gross Value - \$45,354.00.
- a18. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Studies of Erythropoiesis (to be known as National Institutes of Health Project No. 2527-A - Ext. #1 - Department of Medicine).
Gross Value - \$28,835.00.
- a19. Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Proposal for a Theoretical Study of Separated Flows at High Reynolds Number (to be known as Aeronautical Systems Division, Air Force Systems Command Project No. 2550 - Mod. #2 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$20,000.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a20. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Investigation of the Conditions Leading to Spontaneous Ignition in Flowing Explosive Gas Mixtures (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2618 - Mod. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$19,692.00.
- a21. Air Force Institute of Technology, United States Air Force, Wright-Patterson Air Force Base, Ohio, AFIT Defense Weapon Systems Management Seminar (to be known as Air Force Institute of Technology Project No. 2659 - New - Division of Continuing Education, College of Administrative Science).
Gross Value - \$150,000.00.
- a22. Department of the Air Force, Headquarters 2750th Air Base Wing (AFLC), Wright-Patterson Air Force Base, Ohio, Contract Law Course for ADS (to be known as Headquarters 2750th Air Base Wing Project No. 2696 - New - Division of Continuing Education, College of Administrative Science).
Gross Value - \$2,658.00.
- a23. National Science Foundation, Washington, D. C., Econometric Studies of Monetary Processes (to be known as National Science Foundation Project No. 2698 - New - Department of Economics).
Gross Value - \$43,900.00.
- a24. National Science Foundation, Washington, D. C., Differential Reactivity of Nucleic Acids and Their Components With Selective Reagents (to be known as National Science Foundation Project No. 2700 - New - Biochemistry and Molecular Biology).
Gross Value - \$45,000.00.
- a25. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Metabolism of 6-Deoxyhexoses (to be known as National Institutes of Health Project No. 2701 - New - Biochemistry and Molecular Biology).
Gross Value - \$4,426.00.
- a26. National Science Foundation, Washington, D. C., Probability in Series Representation of Functions (to be known as National Science Foundation Project No. 2703 - New - Department of Mathematics).
Gross Value - \$11,200.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a27. National Science Foundation, Washington, D. C., Visual Study of the Flow in the Sublayer of Drag Reducing Polymer and Soap Solutions (to be known as National Science Foundation Project No. 2704 - New - Department of Chemical Engineering).
Gross Value - \$38,900.00.
- a28. National Science Foundation, Washington, D. C., Volcanic Petrology of Deception Island, Antarctica (to be known as National Science Foundation Project No. 2707 - New - Department of Geology).
Gross Value - \$27,500.00.
- a29. National Science Foundation, Washington, D. C., Collaborative Research on Bystander Intervention in Emergency Situations (to be known as National Science Foundation Project No. 2709 - New - Department of Psychology).
Gross Value - \$42,100.00.

TOTAL - Government Contracts - Federal \$1,540,750.00

2. Industrial and Other Contracts

- a1. Illuminating Engineering Research Institute, New York, New York, Studies of the Illumination Requirements for Roadway Visual Tasks (to be known as Illuminating Engineering Research Institute Project No. 872 - Sup. #11 - Institute for Research in Vision).
Gross Value - \$7,425.00.
- a2. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885 - Ext. #11 - Biophysics).
Gross Value - \$24,871.00.
- a3. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885-A - Ext. #1 - Institute for Research in Vision).
Gross Value - \$12,613.00.
- a4. American Heart Association, Inc., New York, New York, Heart Research (to be known as American Heart Association, Inc., Project No. 1898 - Ltr. 9/4/68 - Department of Physiological Chemistry).
Gross Value - \$1,000.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- a5. Central Ohio Heart Association, Inc., Columbus, Ohio, The Biochemical Mechanisms Involved in the Initiation of Cardiac Hypertrophy (to be known as Central Ohio Heart Association, Inc., Project No. 2683 - New - Department of Medicine).
Gross Value - \$6,825.00.
- a6. Central Ohio Heart Association, Inc., Columbus, Ohio, Effect of Anoxia-Ischemia on Brain Lysosomal Enzymes (to be known as Central Ohio Heart Association, Inc., Project No. 2684 - New - Department of Medicine).
Gross Value - \$6,974.00.
- a7. Central Ohio Heart Association, Inc., Columbus, Ohio, A Relationship of Sympathetic Nerve Activity to the Cardiovascular Changes Associated With Induced Hypocapnia (to be known as Central Ohio Heart Association, Inc., Project No. 2685 - New - Department of Surgery).
Gross Value - \$7,198.00.
- a8. Central Ohio Heart Association, Inc., Columbus, Ohio, The Myocardial Localization of Cardiovascular Drugs (to be known as Central Ohio Heart Association, Inc., Project No. 2686 - New - Department of Pharmacology).
Gross Value - \$7,493.00.
- a9. Central Ohio Heart Association, Inc., Columbus, Ohio, Effect of Catecholamines on Myocardial Cell pH (to be known as Central Ohio Heart Association, Inc., Project No. 2687 - New - Department of Physiology).
Gross Value - \$6,597.00.
- a10. Central Ohio Heart Association, Inc., Columbus, Ohio, Histological Study of Human Cardiac Conduction System (to be known as Central Ohio Heart Association, Inc., Project No. 2688 - New - Department of Anatomy).
Gross Value - \$4,988.00.
- a11. Central Ohio Heart Association, Inc., Columbus, Ohio, The Identification of Sequential Myocardial Ultrastructural Changes Induced by Experimental Acute and Chronic Ischemia and Hypoxia (to be known as Central Ohio Heart Association, Inc., Project No. 2689 - New - Department of Medicine).
Gross Value - \$7,500.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- a12. Central Ohio Heart Association, Inc., Columbus, Ohio, A Study of Aortic Distensibility in Intact Dogs (to be known as Central Ohio Heart Association, Inc., Project No. 2690 - New - Department of Physiology).
Gross Value - \$6,505.00.
- a13. Central Ohio Heart Association, Inc., Columbus, Ohio, Stimulation of ATP Generation in the Anoxic Myocardium (to be known as Central Ohio Heart Association, Inc., Project No. 2691 - New - Department of Medicine).
Gross Value - \$6,947.00.
- a14. Raytheon Company, Missile Systems Division, Bedford, Massachusetts, Services Rendered to Raytheon Company (to be known as Raytheon Company Project No. 2692 - New - Department of Electrical Engineering).
Gross Value - \$1,473.00.
- a15. Central Ohio Heart Association, Inc., Columbus, Ohio, The Effect of Uterine Isochemia Upon Blood Pressure in the Pregnant Dog (to be known as Central Ohio Heart Association, Inc., Project No. 2693 - New - Department of Medicine).
Gross Value - \$7,497.00.
- a16. Central Ohio Heart Association, Inc., Columbus, Ohio, Autonomic Nervous Control of the Human Heart (to be known as Central Ohio Heart Association, Inc., Project No. 2694 - New - Department of Medicine).
Gross Value - \$7,469.00.
- a17. Central Ohio Heart Association, Inc., Columbus, Ohio, Adenine Nucleotide Preservation in Anoxic Myocardium as Related to Post-Anoxic Recovery (to be known as Central Ohio Heart Association, Inc., Project No. 2695 - New - Department of Physiological Chemistry).
Gross Value - \$7,468.00.
- a18. American Chemical Society, Petroleum Research Fund, Washington, D. C., Synthesis and Reactions of Parallel Overlapping Acetylenes (to be known as American Chemical Society Project No. 2697 - New - Department of Chemistry).
Gross Value - \$24,000.00.

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

a19. Tennessee Copper Co., Copperhill, Tennessee, Age of the Ore Deposits of the Ducktown District, Tennessee (to be known as Tennessee Copper Company Project No. 2705 - New - Department of Geology).
Gross Value - \$2,641.00.

a20. Saginaw Board of Education, Saginaw, Michigan, The Ohio State University - City of Saginaw School District Evaluation Program (to be known as Saginaw Board of Education Project No. 2710 - New - College of Education).
Gross Value - \$60,509.00.

TOTAL - Industrial and Other Contracts \$217,993.00

The foregoing forty-nine contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,758,743.00.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous voice vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from August 22, 1968 through September 26, 1968, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record:

1. Government Research Contracts

SC 48 University Civil Defense Program, Office of Civil
Ext. #3 Defense, Department of the Army, Washington, D. C.
Gross Value - \$63,659.00.

EES 315X Development of Methodology for Evaluating Road Signs,
Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$76,500.00.

ST5X Fire Safety Design in Buildings, Ohio Board of Regents,
Columbus, Ohio.
Gross Value - \$3,000.00.

TOTAL - Government Research Contracts \$143,159.00

October 9, 1968 meeting, Board of Trustees

II. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts from the Engineering Experiment Station

2. Industrial Research Contract

EES 320X Sonic Power Deformation of Metals, American Society
of Tool & Manufacturing Engineers, Dearborn, Michigan.
Gross Value - \$7,500.00.

The foregoing four contracts for research in the Engineering Experiment
Station represent a gross income of \$150,659.00.

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III. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since
September 12, 1968, and were reported for the record. Appropriate expressions
of appreciation have been conveyed to the donors:

A. Administered Through the Office of Business and Finance

1. \$4,519,062.00 granted by Department of Health, Education and Welfare,
Public Health Service, Bureau of Health Manpower, 800 North Quincy
Street, Arlington, Virginia 22203, to the University for construction
of teaching facilities in the College of Veterinary Medicine. This grant
is made under Title VII, Part B, of the Public Health Service Act.
(Grant No. 1-J02-PM-00396-01)
2. \$29,174.00 granted by Department of Health, Education and Welfare,
Office of Education, Washington, D. C. 20202, to the University for
"Agricultural Occupations Program Development in Area Vocational
Schools," under the direction of the Department of Agricultural
Education, for the period April 1, 1968 through March 31, 1969.
(Grant No. OEG-0-8-070773-3531)
3. \$25,989.00 granted by Department of Health, Education and Welfare,
Office of Education, Washington, D. C. 20202, to the University for
"Interdisciplinary Workshop for Special Education and Vocational
Education Teachers," under the direction of the Center for Vocational
and Technical Education, for the period June 28, 1968 through
December 31, 1968. (Grant No. OEG-8-080845-5664)
4. \$18,000.00 from Battelle Memorial Institute for the Battelle Professor-
ship of Metallurgy in the Department of Metallurgical Engineering.

TOTAL - Administered Through the Office of Business and Finance -
\$4,592,225.00

October 9, 1968 meeting, Board of Trustees

III. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

1. \$52,500.00 from The Ohio State University/Lima Campus Sustaining Committee for the establishment of the Lima Campus/O.S.U. Fund.

Lima Campus/O.S.U. Fund

The Lima Campus/O.S.U. Fund was established October 9, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Ohio State University/Lima Campus Sustaining Committee.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees.

The annual income is to be used by the University Scholarship Committee to provide scholarships to students attending the Lima Campus who are recommended by the Director of the Lima Campus. Any gifts from The Ohio State University/Lima Campus Sustaining Committee deposited in this endowment fund may be used to purchase additional land and to make other capital improvements at the Lima Campus, on the recommendation of said Committee.

2. \$22,365.00 from the Estate of Milton R. Byerly for the establishment of the Milton R. Byerly Scholarship Fund.

Milton R. Byerly Scholarship Fund

The Milton R. Byerly Scholarship Fund was established October 9, 1968, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University from the late Milton R. Byerly, B.Sc. in Edu. '32, M.A. '38, formerly of Columbus, Ohio.

The principal is to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees.

The income is to be used annually for undergraduate scholarships to students in the College of Education who are in the teaching/training program.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the College of Education cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever in the field of education, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for teacher education.

3. \$21,380.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.

October 9, 1968 meeting, Board of Trustees

III. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

4. \$12,000.00 from the Ohio Lions Club for the Ohio Lions Club Blindness Research Fund.
5. \$8,400.00 from The International Nickel Company of Canada, Limited, for the International Nickel Company Fellowship Fund.
6. \$5,825.14 from the Newark-O.S.U. Development Fund for the Newark Campus Scholarship Endowment Fund.
7. \$5,250.00 from The Rockefeller Foundation, New York, New York, as an unrestricted gift to the University.
8. \$5,000.00 from William P. and Pauline J. Deisel Scholarship Loan Trust, Lima, Ohio, for the William P. and Pauline J. Deisel Scholarship Loan Fund.
9. \$5,000.00 from Smith Kline & French Foundation, Philadelphia, Pennsylvania, for the College of Veterinary Medicine - Dean's Education and Research Fund.
10. \$5,000.00 from the General Electric Company, Ossining, New York, for the General Electric Graduate Research and Study Grant Fund in Aeronautical and Astronautical Engineering.
11. \$3,375.00 from United Health Foundation, Inc., Research for the United Health Foundation of Central Stark County.
12. \$2,599.25 from Hercules, Incorporated, Wilmington, Delaware, for the Hercules Fund for Chemistry.
13. \$2,500.00 from Chrysler Corporation Fund, Detroit, Michigan, for the Chrysler Corporation Fellowship Fund.
14. \$2,500.00 from Forging Industry Educational and Research Foundation (in the names of David and Earl Tilton; Mrs. Ann T. King and Mrs. Martha T. Reissig)--\$1,250.00 for the Earl M. Tilton Professorship in Mechanical Metallurgy and \$1,250.00 for the Forging Industry Educational and Research Foundation Fund.
15. \$1,879.86 from The Ohio State University-Newark Campus for the Newark Campus Scholarship Endowment Fund.
16. \$1,500.00 from The Hildreth Foundation, Inc. (in the name of Gordon E. Hildreth) for the Student Athlete Grant-in-Aid Fund.
17. \$1,000.00 from Denman Rubber Manufacturing Company (in the name of James H. Hoffman) for the University Relations Discretionary Fund.

October 9, 1968 meeting, Board of Trustees

III. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

18. \$500.00 from Dr. Mars G. Fontana for the establishment of the Mars G. Fontana Scholarship in Metallurgical Engineering.

Mars G. Fontana Scholarship in Metallurgical Engineering

The Mars G. Fontana Scholarship in Metallurgical Engineering was established October 9, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dr. Mars G. Fontana, Chairman of the Department of Metallurgical Engineering and Regents' Professor.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees.

The income is to be used annually for a scholarship to a student enrolled in the Department of Metallurgical Engineering. In the event that a scholarship is not awarded in any given year, the annual income is to be added to the principal of the endowment fund. The donor reserves the right to change the purpose of this fund at some future date in order to endow a professorship rather than a scholarship.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the Department of Metallurgical Engineering cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for metallurgical engineering education.

TOTAL - Received Through The Ohio State University Development Fund -
\$158,574.25

C. Gifts-in-Kind

1. A gift of welding equipment from Walker Machinery Company for use by the Department of Welding Engineering.
2. A gift of irrigating equipment from Lakeshore Equipment & Supply Company for use in the College of Agriculture and Home Economics.

Upon motion of Dr. Thomas, seconded by Mr. Safford, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

October 9, 1968 meeting, Board of Trustees

III. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

In August, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,832	\$ 49,267.78
Individuals other than alumni	107	18,837.92
Nonprofit organizations	44	121,185.18
Business concerns	23	29,645.31
	<u>2,006</u>	<u>\$218,936.19</u>

Of these gifts, 1,369 totaling \$12,548.42 were undesignated and 637 totaling \$206,387.77 were designated.

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IV. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of material and estimates of cost for the following project be approved by the Board of Trustees:

A. Mershon Auditorium - Interior Wall Restoration

This project will provide patch plastering and painting in several areas of the building.

Funds will be provided from Budget Account 124358 Contract Repair.

Upon motion of Mr. Ketterer, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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V. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

October 9, 1968 meeting, Board of Trustees

V. REPORT OF AWARD OF CONTRACTS (continued)

A. Derby Hall Computer Facility

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 9-17-68)		
Holzapfel Construction Co. (Gahanna, Ohio)	\$ 7,810.00	\$ 10,500.00
<u>Mechanical Contract</u>		
(7 bids received 9-17-68)		
L. R. Patrick, Inc. (Columbus)	20,799.00	21,500.00
<u>Electric Contract</u>		
(1 bid received 9-17-68)		
Reco Electric (Columbus)	<u>9,400.00</u>	<u>13,000.00</u>
<u>Total All Contracts</u>	<u>\$ 38,009.00</u>	<u>\$ 45,000.00</u>

Funds for this project are provided from a transfer from Budget Account 189999 (General Reserve) to Budget Account 801158 (Construction Account for Derby Hall Computer Facility).

B. Lord Hall, Denney Hall, Brown Hall Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(9 bids received 10-3-68)		
Holzapfel Construction Co. (Gahanna, Ohio)		
Base Bid	\$ 41,544.00	\$ 60,200.00
Alt. G-1 Carpet Denney Hall	2,183.00	3,500.00
Alt. G-2 Carpet Brown Hall	746.00	800.00
Total	<u>\$ 44,473.00</u>	<u>\$ 64,500.00</u>
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(7 bids received 10-3-68)		
Piping Contractors Co. (Columbus)		
Base Bid	<u>\$ 42,221.00</u>	<u>\$ 47,480.00</u>
<u>Plumbing Contract</u>		
(5 bids received 10-3-68)		
The Kuempel Co. (Columbus)		
Base Bid	<u>\$ 9,690.00</u>	<u>\$ 11,100.00</u>

October 9, 1968 meeting, Board of Trustees

V. REPORT OF AWARD OF CONTRACTS (continued)

B. Lord Hall, Denney Hall, Brown Hall Remodeling (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(4 bids received)		
Reco Electric, Inc. (Columbus)		
Base Bid	\$ 38,399.00	\$ 51,970.00
Alt. E-1 Electric Panel, Brown Hall	1,838.00	1,075.00
Total	<u>\$ 40,237.00</u>	<u>\$ 53,045.00</u>
 <u>Total All Contracts</u>	 <u>\$136,621.00</u>	 <u>\$176,125.00</u>

Funds for this project will be provided from Budget Account 801165 (Construction Account for Brown Hall Remodeling), Budget Account 801166 (Construction Account for Lord Hall Remodeling) and Budget Account 801167 (Construction Account for Denney Hall Remodeling).

Upon motion of Mr. Dunlap, seconded by Dr. Thomas, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VI. CONTROLLING BOARD APPROVAL

The numbered request shown below accomplishes the following purpose:

- 5 Approves the acquisition of property known as Lot No. 40, Second Wood-Brown Co. Addition, Clinton Township, Franklin County, Ohio, and commonly known as 2475 Wood Avenue.

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VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Supplemental Retirement Benefits

President Fawcett presented the following resolution:

BE IT RESOLVED, that the resolution of the Board of Trustees as adopted on July 8, 1957, and amended on February 6, 1959, be further amended to provide that the five principal administrative officers now receiving retirement benefits under the above resolutions adopted by the Board of Trustees be increased 12 1/2 per cent, effective October 1, 1968, to help equalize cost of living increases which have occurred.

Funds for such added compensation shall be provided from the emeritus salary account (Budget Account 539001).

Upon motion of Mr. France, seconded by Mr. Hilliker, the above resolution was adopted by unanimous roll call vote.

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Haskett Hall Remodeling, Employment of Architects

President Fawcett recommended that the engineering firm of Fosdick and Hilmer be employed to prepare a mechanical engineering feasibility study on the remodeling of Haskett Hall, including a completely new air conditioning and heating system; all new electrical work, including relighting of the building; and required plumbing and new sanitary fixture installations.

It is understood that if this project progresses beyond the feasibility stage, this firm will be employed for the mechanical engineering work in accordance with the standard fee schedule.

The fee for this work will be calculated on a time-cost basis of 2.1 times the salaries of the men employed on the work plus normal mileage charges to and from Columbus, for a sum not to exceed \$3,200.00. Funds will be provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801168 (Construction Account for Haskett Hall Remodeling).

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

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VIII. REPORTS

A. Report on the National Science Foundation Ceiling

President Fawcett made the following report:

All of us are aware of the fiscal requirements faced by the Federal government as a result of Congressional budgetary action. In anticipation of a reduction in Federal research support, the University has made a major and a successful effort to obtain new grants in the hope that the total receipt of dollars in support of research would remain about the same. We have now been informed by the National Science Foundation of the imposition of an expenditure ceiling on NSF funds--a ceiling based on 1968 expenditures rather than upon 1969 grants and contracts. This method of imposing a ceiling upon expenditures provides more problems for institutions with growing programs than for those in a stable position and appears to us to penalize progress.

While we have made plans to adjust to the loss of almost \$1 million in anticipated receipts from National Science Foundation, we are also preparing a strong request for an adjustment in our ceiling. National Science Foundation has indicated its willingness to receive such requests and the University intends to pursue this matter with vigor. I will keep you informed of the success of our efforts to obtain an adjustment which will reflect in an equitable way the outstanding growth of our research capability.

October 9, 1968 meeting, Board of Trustees

VIII. REPORTS (continued)

B. Report on Student Enrollment and Student Housing for Autumn Quarter, 1968

President Fawcett reported on the projected student enrollment as of the fourteenth day after the beginning of classes for the Autumn Quarter, 1968, and the occupancy in student residence halls for the Autumn Quarter, 1968. He noted that

- (1) The first quarter freshmen enrollment has increased by 471 students on the Columbus Campus (7,500 in 1968 compared to 7,029 in 1967). This increase is due primarily to the additional number of freshmen honor scholars (almost 100) and the additional number of well-qualified out-of-state students.
- (2) The increase in returning undergraduates on the Columbus Campus is 1,725 (24,700 in 1968 compared to 22,975 in 1967) and is indeed significant. This increase is influenced by the larger freshman class in 1967, a higher retention rate and increased number of transfer students from other colleges and universities.
- (3) The Graduate School enrollment has reached an all-time high of 6,715 on the Columbus Campus, an increase of 444 over 1967. In addition 510 students are enrolled at the Wright-Patterson Graduate Center in Dayton.
- (4) In the Professional Schools, the total enrollment is projected to be 2,491 in 1968 as compared to 2,559 in 1967. The decrease in enrollment is due to a drop in the number enrolled in the College of Law, which decrease is attributed to the effect of the Selective Service Act.
- (5) The enrollment on the regional campuses for 1968 is predicted to be 3,343 as compared to 3,372 for 1967. The President reported that the enrollments on the regional campuses--Lima, Marion and Newark--have increased slightly, while the enrollment on the Mansfield Campus has decreased significantly. The President explained that the loss is due to no increase in the number of high school graduates in the area and a loss in the percentage of graduates attending the Mansfield regional campus due to increased competition from other colleges and the Marion regional campus whose commuting zone overlaps the commuting zone to Mansfield.

In summary, the President reported that the total enrollment of The Ohio State University is expected to reach 45,259, with an increase of 2,559 students over 1967.

VIII. REPORTS (continued)

B. Report on Student Enrollment and Student Housing for Autumn Quarter, 1968
(continued)

Occupancy in Student Residence Halls--President Fawcett reported that as of October 1, 1968, there were 11,716 students housed in University residence halls and that this number is within 10 of the number of spaces planned for housing students (11,726) this Autumn Quarter. He stated further that

Because of the knowledge that the enrollment at the freshmen and sophomore level would not provide enough students to fill all of the residence halls, four floors in Lincoln Tower were not made available to students and Archer House was transferred for use by the Division of Continuing Education. Also, it was planned not to assign 56 spaces in Morrill Tower to provide more adequate space for freshmen honor scholars living on the four floors of Morrill Tower. We have, therefore, more than 650 living spaces in University residence halls not assigned to students in the Autumn Quarter, 1968. For those who question the parietal rule, it should be abundantly clear that the University has not extended itself beyond the planned occupancy of students in the residence halls this year. It would appear also that the parietal rule may need to be continued for next year if we are to fulfill our debt retirement obligation to bondholders.

C. Highlights of University Activities

President Fawcett reported to the Board on some of the significant activities that have taken place in recent weeks. Some references included in the report, which is filed with the official records of the Secretary, were as follows:

1. The University welcomed some 500 new faculty and staff members at its annual Newcomers Orientation Program on September 30, 1968, in Mershon Auditorium.
2. The President's Annual Report for 1968 to the citizens of Ohio appeared September 29, 1968, as a pictorial supplement in the eight major Sunday newspapers of the state. The press run, 2,145,000 copies, is believed possibly the largest circulation ever given an annual report by an institution of higher education. Titled "The Ohio State University--What's In It for Me?", the publication represented an effort to bring home to the people of Ohio what they are getting for their tax dollars invested in the support of education at Ohio State.
3. Don Scott Field is becoming one of Ohio's busiest airports. A total of 124,767 takeoffs and landings for the first eight months of the year for an average of 14,500 operations a month since January 1, 1968, have been reported.

October 9, 1968 meeting, Board of Trustees

VIII. REPORTS (continued)

C. Highlights of University Activities (continued)

4. As a part of an administrative reorganization of the Office of Educational Services, Dr. John T. Bonner, Jr., Vice President for Educational Services, is assuming personal responsibility for the coordination of all learning resources. Learning resources include the University Libraries, the Telecommunications Center, the Listening Center, the Teaching Aids Laboratory and the educational service program of the Department of Photography and Cinema.
5. Under the supervision of the Office of the Dean of Students, extensive instruction in fire survival and control has been included this year in training of residence hall personnel. The State Fire Marshal's Office, Columbus Fire Department and campus fire officials participated in training sessions for about 250 personnel who included residence hall directors, student personnel assistants (graduate students on residence hall staffs) and resident advisers.
6. The University has begun operation of a new, more powerful third-generation computer, an IBM 360, as its main research and instructional computer. The computing machinery occupies the fifth floor of the new Systems Engineering Building and the Computer Center staff has moved its offices from the Research Center to the fourth floor of the new building.
7. A special 24-page homecoming edition of the Ohio State Lantern will be published October 19 by some of the most prominent American journalists on assignments in the United States and abroad. Editors and staff writers for the special edition are former student staff members of the Lantern who are sending dispatches in the form of columns and articles.

D. Report on the University's Investment Portfolio

The report dated October 8, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Thursday, November 14, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

John T. Mount
Secretary

John W. Bricker
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 14, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, November 14, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Proposal for Revision of Curricula Leading to Eleven
New Baccalaureate Degrees in the College of Engineering
and Two New Professional Degrees

The Faculty Council on October 8, 1968, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the request for a major revision of the curricula in the College of Engineering. This request included changing (1) to a four-year curriculum, (2) name of the degree to be granted and (3) an advanced professional degree program.

The reorganized programs place greater emphasis on, and offer more opportunity for, post-baccalaureate study for those engineering students preparing for professional practice in engineering. These changes will provide greater flexibility in the years ahead for students who want to strengthen their preparation for careers in the new and more sophisticated areas of professional practice. The new programs in engineering will afford opportunities for students who plan careers in design, development and other areas of engineering practice to obtain advanced professional education comparable to that which has been available traditionally for those students who are oriented more toward research and teaching. They will also give the college basic programs in engineering which are consistent with well-established trends in engineering education and with recommendations of the recently completed GOALS Study of Engineering Education.

The adoption of eleven new baccalaureate degrees to be awarded upon completion of the four-year prescribed programs in the College of Engineering as they are changed will be:

From five-year curricula leading to	To four-year curricula leading to
Bachelor of Aeronautical and Astronautical Engineering	Bachelor of Science in Aeronautical and Astronautical Engineering
Bachelor of Agricultural Engineering	Bachelor of Science in Agricultural Engineering
Bachelor of Ceramic Engineering	Bachelor of Science in Ceramic Engineering
Bachelor of Chemical Engineering	Bachelor of Science in Chemical Engineering
Bachelor of Civil Engineering	Bachelor of Science in Civil Engineer- ing
Bachelor of Electrical Engineering	Bachelor of Science in Electrical Engineering
Bachelor of Industrial Engineering	Bachelor of Science in Industrial Engineering
Bachelor of Mechanical Engineering	Bachelor of Science in Mechanical Engineering
Bachelor of Metallurgical Engineering	Bachelor of Science in Metallurgical Engineering

November 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Proposal for Revision of Curricula Leading to Eleven
New Baccalaureate Degrees in the College of Engineering
and Two New Professional Degrees (continued)

From five-year curricula leading to	To four-year curricula leading to
Bachelor of Science in Physics	Bachelor of Science in Engineering Physics
Bachelor of Welding Engineering	Bachelor of Science in Welding Engineering

The present five-year degree will be available through June Commencement, 1974, and will be phased out with the introduction of the new four-year degree.

An advanced professional degree program leading either to the degree Electrical Engineer or Mechanical Engineer and administered by the College of Engineering will be inaugurated. These programs will consist of a one-year sequence of requirements (minimum of 45 hours) beyond the level of achievement represented by The Ohio State University bachelor's program.

The post-baccalaureate study will continue the existing Master of Science program administered through the Graduate School in addition to establishing the new advanced professional program administered through the College of Engineering.

President Fawcett recommended that the above proposal for revising the curricula and the names of the degrees in the College of Engineering and the establishment of two new professional degrees as recommended by the Faculty Council be approved. It was recommended further that the said new programs and degrees become effective immediately.

Upon motion of Mr. Safford, seconded by Dr. Thomas, the above recommendations were approved by unanimous voice vote.

B. Administrative Identification of "School" of Art Be Discontinued

The Faculty Council on October 8, 1968, approved the proposal from the Council on Academic Affairs that the School of Art be abolished effective retroactively to July 1, 1968.

Following a reorganization of the College of The Arts in which a Division of Art Education, Division of the History of Art, Division of Design and Division of Art were established within the new college and subsequently approved by the Council on Academic Affairs and the Faculty Council, it was necessary to abolish the currently known School of Art as it has been recognized for several years.

President Fawcett recommended therefore that the action of the Faculty Council be approved.

Upon motion of Mr. Hilliker, seconded by Dr. Thomas, the above recommendation was approved by unanimous voice vote.

November 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Centennial Celebration for The Ohio State University

Plans have been under way for the last two years for the observance of the University's centennial celebration. A committee was appointed with Vice President Alfred B. Garrett as Chairman, and this committee has been engaged in preliminary planning for this observance to commemorate Ohio State's establishment as the "Ohio Agricultural and Mechanical College" by act of the Ohio General Assembly in 1870. A detailed report concerning the plans developed to date will be presented by Dr. Garrett at the December 12, 1968 meeting of the Board of Trustees.

President Fawcett recommended that the accompanying centennial symbol (page 261) be accepted for use during this celebration.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous voice vote.

D. Naming of Building

Upon the recommendation of a special committee of the Newark Campus of The Ohio State University, and with the concurrence of Dean Richard H. Zimmerman, University College, it is proposed that the first building on the Newark Campus be named "Founders' Hall."

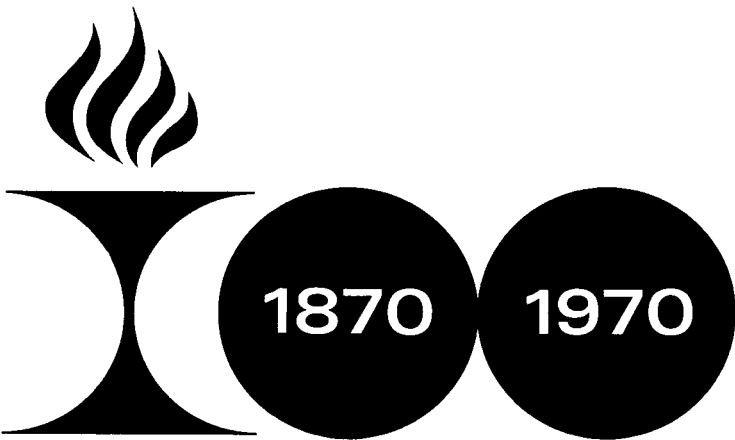
This proposal has the concurrence of the President's Cabinet and is in accordance with the Bylaws of the Board of Trustees. President Fawcett recommended that said proposal be approved.

Upon motion of Dr. Thomas, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

E. Modification of Master Plan

It is proposed that the official comprehensive master plan map adopted by the Board of Trustees on February 16, 1962, and subsequently amended on seven occasions be further modified in the following ways and for the reasons indicated:

1. Recent studies by the Division of Campus Planning propose relocation of certain buildings to serve education and the social and behavioral sciences in the northeast sector of the central academic area in keeping with the master plan guidelines to group related disciplines. The master plan map should now be modified to show these changes plus minor relocations of buildings elsewhere on the campus which relate to these changes.
2. Planning studies have been completed by the Division of Campus Planning and the Medical Center planning consultant which reflect final design of five buildings (Nursing, Basic Sciences, Biological Sciences, Dodd Hall Addition and Allied Medical Professions), design studies for two others (Mental Retardation and Health Sciences Library) and the location of other proposed Medical Center facilities.



November 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Modification of Master Plan (continued)

In addition, these planning studies specify various changes in the location of parking, service and circulation elements in the Medical Center. The Medical Center portion of the master plan map should now be revised to indicate these modifications.

3. The Division of Campus Planning has completed minor planning studies dealing with (a) updating the master plan map in terms of new information about the design or construction of various projects, (b) correcting building or area designations and (c) reflecting development decisions made since the master plan map was last revised. In addition, minor changes are proposed in plan details in order to increase the clarity, the logic and the workability of the master plan map. The master plan map should now be revised to show these corrections and detail improvements.

The changes described above are shown on the accompanying map, dated November 14, 1968, and are consistent with the principles and concepts approved by the Board of Trustees in adopting the master plan in 1962.

President Fawcett recommended that the Board of Trustees now approve the master plan changes as depicted on the accompanying map, that all previous actions of the Board of Trustees with respect to the master plan and not contrary to the accompanying map be reaffirmed, and that a copy of said map be filed by the Secretary with the "Campus Master Plan Study--Phase II" report submitted December 12, 1961.

Upon motion of Mr. Dunlap, seconded by Dr. Thomas, the above recommendation was approved by unanimous voice vote.

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II. PERSONNEL CHANGES

A. Appointment of Vice President for University Development

President Fawcett in presenting the recommendations for changes in personnel indicated that at the July 11, 1968 meeting of the Board he had discussed the need for a realignment of administrative personnel. At that time, the Board took action to establish the position of Vice President for University Development. In accordance with this action of the Board, the following appointment was recommended:

Robert G. Smith be appointed Vice President for University Development, effective February 3, 1969, at a salary of \$27,648.00 per annum.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the appointment of the new Vice President for University Development was approved by unanimous roll call vote.

November 14, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Amendment to Rules for the University Faculty

Pursuant to the foregoing recommendation for the appointment to the newly created Vice Presidential position, President Fawcett recommended that the following Rule 11.1105 be added to the Rules for the University Faculty:

Rule 11.1105. Vice President for University Development.*

Section 1. The Vice President for University Development shall be the executive head of the Office of University Development.

Section 2. The major area of responsibility and authority of the Vice President for University Development shall be that of general university development. Without limiting the generality of the foregoing, the Vice President for University Development, shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the necessary authority for: the coordination of all aspects of general university development, including the coordination of all university and related offices involved in as well as assisting the President in his responsibility for, resource development, fund raising, financial support, public relations, community relations, alumni affairs, governmental liaison, legislative relations, and internal and external communications.

*Rule initiated by Board of Trustees.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the Board of Trustees approved the adoption of the above Rule 11.1105 by unanimous voice vote, and the Secretary was authorized to include this Rule in the Rules for the University Faculty.

In addition to the foregoing personnel recommendation, President Fawcett recommended that all personnel changes since the October 9, 1968 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following additional faculty Appointment, Promotion, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

C. Appointment

Gordon E. Gatherum, Professor in the School of Natural Resources, and Professor in the Cooperative Extension Service, effective January 20, 1969, at a salary of \$19,344.00 per annum for 85 per cent of full time. Dr. Gatherum will hold the academic rank of Professor and Chairman in the Department of Forestry at the Ohio Agricultural Research and Development Center for 15 per cent of full time.

November 14, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Promotion

Harold Dean Bauman, Assistant to Coordinator AID/India and AID/Brazil to Assistant Dean in the College of Agriculture and Home Economics, effective October 1, 1968, at a salary of \$13,896.00 per annum for 80 per cent of full time. Dr. Bauman will hold a joint appointment at the Ohio Agricultural Research and Development Center for 20 per cent of full time. Dr. Bauman will continue to hold an academic appointment as Assistant Professor in the Department of Agricultural Economics and Rural Sociology at No Salary.

E. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Ralph A. Porterfield, Associate Professor (Extension Specialist, Dairy Science), effective January 1, 1969 through March 15, 1969, to participate in a program of professional improvement at The Ohio State University.

F. Leaves of Absence Without Salary

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective September 23, 1968 through October 22, 1968, to prepare a proposal for extension of the Ford Foundation Grant to the Department of Agricultural Engineering for work in the Punjab Agricultural University, India.

John L. Livingstone, Associate Professor, Department of Accounting, effective January 1, 1969 through March 31, 1969, to serve as a Visiting Professor at Catholic University, Valparaiso, Chile.

Olin W. Mintzer, Associate Professor, Department of Civil Engineering, effective November 1, 1968 through November 30, 1968, to do research for the Geographic Sciences Division, U. S. Army, Engineer Topographic Laboratories, Fort Belvoir, Virginia.

John W. Crawford, Assistant Professor, Department of Obstetrics and Gynecology, effective November 1, 1968 through December 31, 1968, for personal reasons.

Fred R. Plecha, Clinical Assistant Professor, Department of Surgery, effective October 1, 1968. (Military Leave)

November 14, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Leaves of Absence Without Salary (continued)

Robert S. Brown, Instructor (County Extension Agent, 4-H) Lawrence County, effective September 11, 1968. (Military Leave)

William W. Hunter, Instructor, Department of Radiology, effective October 1, 1968 through January 15, 1969, to serve as a consultant with Philips-Duphar Laboratories, Petten, Holland.

G. Emeritus Title

William Frederick Shepard, School of Allied Medical Professions, with the title Assistant Professor Emeritus, effective November 1, 1968.

Upon motion of Dr. Thomas, seconded by Mr. Hilliker, the Appointment, Promotion, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" an official document of the University.

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III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and
The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting:

1. Government Contracts - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Initiation of Activity in Smooth Muscle (to be known as National Institutes of Health Project No. 874-I - Sup. #1 - Department of Physiology).
Gross Value - \$2,468.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a2. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Studies in Learning and Perception (to be known as National Institutes of Mental Health Project No. 887-J - Ext. #10 - Department of Psychology).
Gross Value - \$31,271.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Clinical Research Center (to be known as National Institutes of Health Project No. 1196 - Ext. #8 - Department of Medicine).
Gross Value - \$387,436.00.
- a4. Department of Navy, Office of Naval Research, Washington, D. C., Infrared Spectra and Structure of Polyatomic Molecules (to be known as Office of Naval Research Project No. 1379 - Amend. #12 - Department of Physics).
Gross Value - \$10,800.00.
- a5. Department of Navy, Office of Naval Research, Washington, D. C., Basic Research on the Nucleation and Propagation Kinetics of Crystal Dissolution and Growth (to be known as Office of Naval Research Project No. 1386 - Amend. #11 - Department of Metallurgical Engineering).
Gross Value - \$19,000.00.
- a6. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Post-operative Recovery Mechanisms and Retention (to be known as National Institutes of Mental Health Project No. 1470-F - Ext. #6 - Department of Psychology).
Gross Value - \$20,051.00.
- a7. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Ligand Reactions and Homogeneous Catalysis (to be known as National Institutes of Health Project No. 1501-F - Ext. #6 - Department of Chemistry).
Gross Value - \$56,572.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as National Institutes of Health Project No. 1640-E - Ext. #5 - Department of Chemistry).
Gross Value - \$22,628.00.
- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Factors Controlling Testicular Tissue Metabolism (to be known as National Institutes of Health Project No. 1786-E - Ext. #5 - Department of Dairy Science).
Gross Value - \$41,380.00.
- a10. Department of Army, U. S. Army Medical Research and Development Command, Washington, D. C., Studies in Piloting Performance Under Stress (to be known as U. S. Army Medical Research and Development Command Project No. 1857 - Mod. #8 - Department of Preventive Medicine).
Gross Value - \$70,035.00.
- a11. U. S. Department of the Interior, Federal Water Pollution Control Administration, Washington, D. C., Concentration of Chemicals by Flocc Forming Organisms (to be known as Federal Water Pollution Control Administration Project No. 2088-C - Ext. #3 - Microbial and Cellular Biology).
Gross Value - \$24,912.00.
- a12. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Polyunsaturated Fatty Acid Interconversions (to be known as National Institutes of Health Project No. 2090-C - Ext. #3 - Department of Physiological Chemistry).
Gross Value - \$24,201.00.
- a13. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Verbal Learning Conference (to be known as National Institutes of Mental Health Project No. 2207-B - Ext. #2 - Department of Psychology).
Gross Value - \$5,400.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a14. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Corrosion Cracking of Metallic Materials (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2223 - C. O. #6 - Department of Metallurgical Engineering).
Gross Value - \$50,000.00.
- a15. National Science Foundation, Washington, D. C., Monographic Study of the Gyponinae of the World (to be known as National Science Foundation Project No. 2334 - Amend. #1 - Entomology).
Gross Value - \$3,500.00.
- a16. Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Scattering of Electromagnetic Energy from Highly Conducting Bodies (to be known as Electronic Systems Division, Air Force Systems Command Project No. 2415 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$47,500.00.
- a17. Department of Health, Education and Welfare, Public Health Service, Special Research Resources Branch, Division of Research Facilities and Resources, Bethesda, Maryland, An NMR Facility for Biomedical Research (to be known as Division of Research Facilities and Resources Project No. 2439-A - Ext. #1 - College of Pharmacy).
Gross Value - \$11,330.00.
- a18. Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineering Sciences (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2443 - Amend. #7 - Research Foundation).
Gross Value - \$260,000.00.
- a19. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as National Institutes of Health Project No. 2507-A - Ext. #2 - Department of Medicine).
Gross Value - \$387,256.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a20. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Center for Health Services Research and Development, Bethesda, Maryland, Primary Prevention of Coronary Heart Disease (to be known as National Center for Health Services Research and Development Project No. 2511-A - Ext. #1 - Department of Preventive Medicine).
Gross Value - \$488,846.00.
- a21. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C., Factors Affecting Erythrocyte Destruction in Malaria (to be known as U. S. Army Medical Research and Development Command Project No. 2515 - Mod. #2 - Microbial and Cellular Biology).
Gross Value - \$14,238.00.
- a22. Department of Transportation, Federal Railroad Administration, Washington, D. C., The Aerodynamic Resistance of Vehicles Traveling at High Speeds Through Long Tubes (to be known as Federal Railroad Administration Project No. 2635 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$9,963.00.
- a23. Department of the Air Force, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Work Schedule - AFIT - School of Systems and Logistics (to be known as Air Force Institute of Technology Project No. 2638 - Mod. #1 - Division of Continuing Education, College of Administrative Science).
Gross Value - \$100,000.00.
- a24. Department of Health, Education and Welfare, U. S. Office of Education, Washington, D. C., An Evaluative Study of the Effectiveness of the US/AID Regional College Program for the Improvement of Secondary School Teacher Education in India (to be known as Office of Education Project No. 2702 - New - College of Education).
Gross Value - \$9,998.00.
- a25. United States Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Theoretical and Experimental Investigation of Hypersonic Similitude Studies for Slender Bodies in Non-Equilibrium Flows (to be known as Aeronautical Systems Division Project No. 2706 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$40,500.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a26. Department of the Army, Aberdeen Proving Ground, Maryland, Program of Research in the Study, Analysis and Design of Special Antenna Configurations (to be known as Department of the Army Project No. 2708 - New - Department of Electrical Engineering). Gross Value - \$25,075.00.
- a27. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Neurological Diseases and Blindness, Bethesda, Maryland, Electrophysiological Studies of Visual Adaptation (to be known as National Institutes of Health Project No. 2711 - New - Department of Ophthalmology). Gross Value - \$30,145.00.
- a28. National Science Foundation, Washington, D. C., Local Equilibrium and Diffusion in Multiphase Couples (to be known as National Science Foundation Project No. 2713 - New - Department of Metallurgical Engineering). Gross Value - \$37,200.00.
- a29. National Science Foundation, Washington, D. C., Pedology and Glacial Geology of Wright Valley, Antarctica (to be known as National Science Foundation Project No. 2714 - New - Institute of Polar Studies). Gross Value - \$30,700.00.
- a30. National Science Foundation, Washington, D. C., Application of Hybrid Computation Techniques to Design (to be known as National Science Foundation Project No. 2715 - New - Department of Chemical Engineering). Gross Value - \$22,900.00.
- a31. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Brain Antibodies in Sera of Schizophrenic Patients (to be known as National Institutes of Mental Health Project No. 2717 - New - Department of Medical Microbiology). Gross Value - \$4,603.00.
- a32. United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Research on Human Information Processing (to be known as Air Force Office of Scientific Research Project No. 2718 - New - Department of Psychology). Gross Value - \$20,043.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a33. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria (to be known as National Institutes of Health Project No. 2720 - New - Department of Physiological Chemistry).
Gross Value - \$21,253.00.
- a34. National Science Foundation, Washington, D. C., Conformational Studies Using Fluorine Magnetic Resonance (to be known as National Science Foundation Project No. 2723 - New - Department of Chemistry).
Gross Value - \$31,900.00.
- a35. National Science Foundation, Washington, D. C., Compounds Containing Aluminum-Aluminum Covalent Bonds (to be known as National Science Foundation Project No. 2724 - New - Department of Chemistry).
Gross Value - \$27,000.00.
- a36. National Science Foundation, Washington, D. C., Effect of Recent Volcanic Eruptions on the Glaciers of Deception Island (to be known as National Science Foundation Project No. 2725 - New - Institute of Polar Studies).
Gross Value - \$20,200.00.
- a37. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Metabolism of the Stereoisomers of Ephedrine (to be known as National Institutes of Health Project No. 2727 - New - College of Pharmacy).
Gross Value - \$18,441.00.

TOTAL - Government Contracts - Federal \$2,428,745.00

2. Industrial and Other Contracts

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C535164, C548973, C55144 - Department of Surgery).
Gross Value - \$1,811.87.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- a2. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Modern Language Association of America Project No. 2338-B - Sponsor Letter 7/29/68 - Department of English).
Gross Value - \$6,025.00.
- a3. Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri, Aesthetic Education Project (to be known as Central Midwestern Regional Educational Laboratory, Inc., Project No. 2420 - Amend. #4 - Division of Art Education).
Gross Value - \$4,371.00.
- a4. Air Line Pilots Association, Washington, D. C., A Study of Aircrew Incapacitation (to be known as Air Line Pilots Association Project No. 2699 - New - Department of Preventive Medicine).
Gross Value - \$18,743.00.
- a5. Heart Association of Eastern Ohio, Youngstown, Ohio, Experimental Atherosclerosis: Possible Early Changes in Subcellular Elements During Foam Cell Formation (to be known as Heart Association of Eastern Ohio Project No. 2712 - New - Department of Pathology).
Gross Value - \$6,184.34.
- a6. Central Ohio Heart Association, Inc., Columbus, Ohio, The Effects of Hypocapnia on the Cardiovascular System (to be known as Central Ohio Heart Association, Inc., Project No. 2716 - New - Department of Physiology).
Gross Value - \$6,629.00.
- a7. East Central Ohio Heart Association, Canton, Ohio, Cardiac Electrical and Mechanical Responses to a Series of Cardiac Glycosides (to be known as East Central Ohio Heart Association Project No. 2719 - New - Department of Pharmacology).
Gross Value - \$7,465.00.
- a8. American Chemical Society, The Petroleum Research Fund, Washington, D. C., Mechanism of Inversion in Grignard Reagents (to be known as American Chemical Society Project No. 2721 - New - Department of Chemistry).
Gross Value - \$5,000.00.

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- a9. Chamberlain Laboratories, A Research & Development Center of U. S. Stoneware, Inc., Stow, Ohio, Comparative Testing of Plastic and Rubber Milking Inflatons (to be known as Chamberlain Laboratories Project No. 2722 - New - Department of Dairy Science).
Gross Value - \$7,063.00.

TOTAL - Industrial and Other Contracts \$63,292.21

The foregoing forty-six contracts for research in cooperation with Government, Industry and Other represent a gross income of \$2,492,037.21.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous voice vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from September 27, 1968 through October 30, 1968, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record:

1. Government Research Contract

- | | |
|----------|--|
| EES 301X | A Study of the Factors Influencing the Attraction and |
| Ext. #1 | Retention of Engineering Talent With the Ohio Department |
| | of Highways, Ohio Department of Highways, Columbus, |
| | Ohio. |
| | Gross Value - \$3,960.00. |

2. Industrial Research Contracts

- | | |
|----------|---|
| EES 321X | A Survey of Industrial Thermal Process Through |
| | Ultrasonic Excitation, Columbia Gas Service System, |
| | Columbus, Ohio. |
| | Gross Value - \$14,000.00. |
| EES 322X | Development of Fire Resistive Requirements and |
| | Methods of Tests for Aircraft Passenger Bridges, |
| | Wollard Aircraft Service Equipment Company, Miami, |
| | Florida. |
| | Gross Value - \$6,000.00. |

November 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

2. Industrial Research Contracts (continued)

EES 323X	The Study of a Jet Impingement Furnace, Columbia Gas Service System, Columbus, Ohio. Gross Value - \$12,000.00.
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TOTAL - Industrial Research Contracts \$32,000.00

The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$35,960.00.

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IV. GRANT AND GIFTS

The following grant and gifts to the University were among those received since October 9, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$4,320.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Pharmaceutical Science Training for Dental Research," under the direction of the College of Pharmacy, for the period July 1, 1968 through June 30, 1969. (Grant No. 3 T01 DE00203-01S1)

B. Received Through The Ohio State University Development Fund

1. \$25,000.00 from a bequest under the Will of Francis M. Thompson for the establishment of the Francis and Louise Thompson '06 Fund.

Francis and Louise Thompson '06 Fund

The Francis and Louise Thompson '06 Fund was established November 14, 1968, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University from the late Francis M. Thompson, LL. B. '06, formerly of Columbus, Ohio.

The principal is to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees.

The income is to be deposited in the Ohio Student Loan Foundation, Incorporated, and used annually for loans to students enrolled in the College of Law or students enrolled in the Division of Art, College of The Arts, who are studying painting, drawing, sculpturing or graphics. Students in the College of Law are to be recommended by the Dean of the College of Law, and students in the Division of Art are to be recommended by the Director.

November 14, 1968 meeting, Board of Trustees

IV. GRANT AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

1. Francis and Louise Thompson '06 Fund (continued)

Interest on the loans may be charged, following the recommendation of the Ohio Student Loan Foundation, Incorporated.

Should the need for these loans cease to exist or so diminish as to provide unused income, or should the College of Law or the Division of Art cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever in the fields of law or painting, drawing, sculpturing or graphics, with preference being given to recommendations from the Ohio Student Loan Foundation, Incorporated, and the appropriate administrative officials of the University who are then directly responsible for these academic areas.

2. \$21,100.00 from the Trust under the Will of Glenna R. Joyce for the Glenna R. Joyce Scholarship Fund.
3. \$19,495.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
4. \$16,900.00 in securities from Jack W. Nicklaus for the establishment of the Robert K. Barton Memorial Fund.

Robert K. Barton Memorial Fund

The Robert K. Barton Memorial Fund was established November 14, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Jack W. Nicklaus in memory of Robert K. Barton, LL. B. '61, formerly of Columbus, Ohio.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

The income is to be used for scholarships to students in the College of Law at The Ohio State University, in accordance with these regulations and stipulations:

- a. It is assumed that any student whose application for admission to the College of Law is accepted and granted would be eligible for this type of student aid, so there is no restriction based on academic grades nor is need a factor.
- b. The students who receive these awards shall be ones who have some interest in golf. This does not mean that they must be members of an organized team or squad, such as the golf squad of a college or university, but shall have an active interest in the game of golf such as Robert K. Barton had during his lifetime.

IV. GRANT AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

4. Robert K. Barton Memorial Fund (continued)

- c. Each recipient shall be informed that he is the holder of a Robert K. Barton Memorial Scholarship.
- d. The amount of each scholarship shall be determined by the selection committee, hereinafter named. Each scholarship granted need not be of the same amount.
- e. The selection committee shall be composed of the Dean of the College of Law; an Associate or Assistant Dean of the College of Law, to be selected by the Dean; the administrative person connected with the College of Law who is in charge of its scholarship program; the Secretary of the National Council of the College of Law; Mr. Robert L. Barton, father of Robert K. Barton, during his lifetime and Jack W. Nicklaus, during his lifetime.

In the event that the College of Law as it now exists shall be altered in any reorganization of University colleges, schools and departments, the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University and two of his associates or assistants concerned with its scholarship program shall be the three law members on the Selection Committee.

In case the need for such scholarships ceases to exist or so diminishes as to create unused income then said income may be used as determined by the Board of Trustees of The Ohio State University or successor governing body within the field of law. Any expenditures thus made, however, shall always be identified as being provided by the Robert K. Barton Memorial Fund.

- 5. \$12,000.00 from Battelle Memorial Institute (In the name of Dr. Sherwood L. Fawcett) for the unrestricted endowment of the University.
- 6. \$10,600.00 from the American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship.
- 7. \$8,770.00 from Owens-Illinois, Inc., Toledo, Ohio--\$6,500.00 for the Owens-Illinois Fellowship in Ceramic Engineering and \$2,270.00 for the Owens-Illinois Scholarship Fund.
- 8. \$6,607.00 from The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.
- 9. \$6,167.00 from The Charles F. High Foundation, Bucyrus, Ohio, for The Charles F. High Foundation Scholarship Fund.

November 14, 1968 meeting, Board of Trustees

IV. GRANT AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

10. \$6,140.00 from American Oil Foundation, Chicago, Illinois, for the American Oil Foundation Fellowship in Chemical Engineering.
11. \$6,000.00 from Automotive Safety Foundation, Inc., Washington, D. C., for the Automotive Safety Foundation, Inc., Grant-in-Aid Fund.
12. \$5,575.00 from Goodyear Tire and Rubber Company Fund--\$4,200.00 for the Goodyear Aerospace Fellowship Fund in Aeronautical and Astronautical Engineering and \$1,375.00 for the Goodyear Foundation Scholarship Fund.
13. \$5,186.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for The Grace High Washburn Trust Scholarship Fund.
14. \$5,000.00 from American Society for Engineering Education, Washington, D. C., for the Office of Civilian Defense Fellowship Fund.
15. \$5,000.00 from Celanese Corporation for the Celanese Corporation Fund for Chemical Engineering.
16. \$5,000.00 from the Roy and Eva Markus Foundation, Inc., for the Shirley and Robert C. Coplan Scholarship Fund.
17. \$4,950.00 from the Mansfield O. S. U. Scholarship Fund for the Mansfield Campus Scholarship Fund.
18. \$4,200.00 from The Sears-Roebuck Foundation, Skokie, Illinois, for the establishment of the Undergraduate Agriculture Scholarship Fund.

Undergraduate Agriculture Scholarship Fund

The Undergraduate Agriculture Scholarship Fund was established November 14, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Sears-Roebuck Foundation, Skokie, Illinois.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a non-restrictive scholarship to an undergraduate student in agriculture who is enrolled in the College of Agriculture and Home Economics. The selection of the recipient of this scholarship is to be made upon the recommendation of the Dean of the College of Agriculture and Home Economics or his duly appointed representative.

IV. GRANT AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

18. Undergraduate Agriculture Scholarship Fund (continued)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the College of Agriculture and Home Economics cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural education.

19. \$4,000.00 from Inland Steel-Ryerson Foundation, Inc., for the Inland Steel-Ryerson Foundation Fellowship.
20. \$3,450.00 from Jacob E. Davis for the Jacob E. Davis Fund for College of Law.
21. \$3,000.00 from Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.
22. \$2,928.72 from Lionel E. Dorfman, M.D., for the Fund for Progress in Urology.
23. \$2,000.00 from William H. Havener, M.D., for the Ophthalmology Teaching Fund.
24. \$2,000.00 from The Lazarus Store Foundation, (In the name of Fred Lazarus, Jr.), for the Student Athlete Grant-in-Aid Fund.
25. \$2,000.00 from Raymond E. Mason, Jr., for the Special Fund for Business Education Program in the College of Administrative Science.
26. \$1,959.00 from American Veterinary Medical Association Foundation, Park Ridge, Illinois, for the American Veterinary Medical Association Foundation Fund in Veterinary Medicine.
27. \$1,779.36 from Dr. Fred E. Deatherage for the Deatherage Food and Nutrition Biochemistry Fund.
28. \$1,500.00 from American Orchid Society's Fund for Education and Research, Inc., Cambridge, Massachusetts, for the American Orchid Society Fund.

November 14, 1968 meeting, Board of Trustees

IV. GRANT AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

29. \$1,500.00 from Mrs. Constance Corkwell Blakeley--\$1,000.00 for the establishment of the Gail M. Blakeley, Jr., Memorial Fund and \$500.00 for a scholarship for the current year.

Gail M. Blakeley, Jr., Memorial Fund

The Gail M. Blakeley, Jr., Memorial Fund was established November 14, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Constance C. Blakeley, B.Sc. in Edu. '36, in memory of her son Gail M. Blakeley, Jr., formerly of Newark, Ohio.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to principal until the principal reaches \$10,000.00, at which time annual income is to be used to provide a scholarship or grant-in-aid for a male student from Licking County, Ohio, who is enrolled in the Newark Campus of The Ohio State University. A student selected for this scholarship or grant-in-aid is to hold it for as long as he is continuously enrolled at the Newark Campus and for as long as he maintains the academic point hour ratio required by the University to maintain enrollment. The selection of the student is to be made by the Director of the Newark Campus and approved by the University Scholarship Committee.

If the need for this scholarship so diminishes or ceases to exist, as determined by Mrs. Blakeley, or her appointee, in the event of her death, then the income may be used for any other purpose whatsoever as directed by Mrs. Blakeley or her appointee, in consultation with the Director of the Newark Campus.

30. \$1,500.00 from the Trust under the Will of Lester A. Harner, Xenia, Ohio, for the Dr. Charles R. Kistler Memorial Cancer Research Fund.
31. \$1,215.00 from Mrs. Albert M. Miller for the Helen C. Miller Student Aid Fund.
32. \$1,210.00 from Mrs. Jean B. Rothbauer, West Mifflin, Pennsylvania, and friends of the late John G. Bishel for the establishment of the John G. Bishel Memorial Award Fund.

John G. Bishel Memorial Award Fund

The John G. Bishel Memorial Award Fund was established November 14, 1968, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the widow and friends of the late John G. Bishel, B. Mech. Engr. '60, M.Sc. '65, and doctoral candidate, formerly of Columbus, Ohio.

IV. GRANT AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

32. John G. Bishel Memorial Award Fund (continued)

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used for one or more awards to students in engineering design enrolled in the Department of Mechanical Engineering. Selection of the student or students is to be made by a committee comprised of the Chairman of the Department of Mechanical Engineering, all members of the faculty of this department who teach engineering design and Dr. Ernest O. Doebelin, who shall be a member of the committee for as long as he is a member of the faculty. Dr. Doebelin shall serve as chairman of the selection committee as long as he is a member of the committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the Department of Mechanical Engineering cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering design.

- 33. \$1,008.00 from Dr. William G. Pace for the General Surgery Fund - College of Medicine.
- 34. \$1,000.00 from Dolly (Mrs. A. B.) Cohen for the Department of Athletics Fund.
- 35. \$1,000.00 from Dr. Mars G. Fontana for the Mars G. Fontana Scholarship in Metallurgical Engineering.
- 36. \$1,000.00 from The F. & R. Lazarus Company, (In the name of Mrs. Frances N. Lazarus), for the Ivan Gilbert Fund.
- 37. \$1,000.00 from Marathon Oil Foundation, Inc., Littleton, Colorado, for the Department of Chemistry Discretionary Fund.
- 38. \$1,000.00 from Frederick W. R. Pride--\$500.00 for the Department of Athletics Discretionary Fund and \$500.00 for the College of Law Emergency Fund.
- 39. \$1,000.00 from Dr. Myron S. Reed for the Myron S. Reed Fund for Veterinary Medicine.
- 40. \$1,000.00 from Dr. Julian B. Woelfel for the College of Dentistry Centennial Fund.

November 14, 1968 meeting, Board of Trustees

IV. GRANT AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

41. \$1,000.00 from Harold F. Zieg for the Department of Athletics Discretionary Fund.

TOTAL - Received Through The Ohio State University Development Fund -
\$212,740.08

C. Gifts-in-Kind

1. A numerical control from the General Electric Company, Sidney, Ohio, for use in the Department of Industrial Engineering.
2. First editions, inscribed volumes and autographed letters of James Thurber from Elliott J. Nugent for the University Libraries.

D. Establishment of a New Fund from a Previously Reported Gift

Fred F. Jaeger, Jr., Memorial Insurance Fund

The Fred F. Jaeger, Jr., Memorial Insurance Fund was established November 14, 1968, by the Board of Trustees of The Ohio State University Development Fund from the Estate of the late Fred F. Jaeger, Jr., B.Sc. Bus. Adm. '43, formerly of Columbus, Ohio.

This gift is to be invested in the University Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually in the furtherance of the Insurance Department, both fire, casualty and life. Expenditure of the income is to be made by the Dean of the College of Administrative Science, upon the recommendations of the officers of the Griffith Foundation for Insurance Education.

Should the need for the use of the income cease to exist or so diminish as to provide unused income, or should the College of Administrative Science cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for insurance education.

(The amount deposited in this fund totals \$9,664.30.)

Upon motion of Dr. Thomas, seconded by Mr. Safford, the acceptance of the foregoing grant and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

November 14, 1968 meeting, Board of Trustees

IV. GRANT AND GIFTS (continued)

E. Report from The Ohio State University Development Fund

In September, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,702	\$ 74,811.69
Individuals other than alumni	103	32,817.62
Nonprofit organizations	36	143,286.70
Business concerns	19	44,273.00
	<u>1,860</u>	<u>\$295,189.01</u>

Of these gifts, 1,250 totaling \$16,185.96 were undesignated and 610 totaling \$279,003.05 were designated.

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V. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

A. Roof Repairs for Administration Building,
Derby Hall, Mendenhall Laboratory

	<u>Low Bid</u>	<u>Est. of Cost</u>
(1 bid received 10-18-68)		
George Shustick & Sons, Inc. (Columbus)	\$ 55,900.00	\$ 56,500.00

Funds for this project are provided from Budget Account 124358 Contract Repair.

B. McCracken Power Plant - Additional Boiler No. 9

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received 9-24-68)		
Holzappel Construction Co. (Gahanna)	\$ 18,000.00	\$ 24,784.00
<u>Mechanical Contract</u>		
(5 bids received 9-24-68)		
Limbach Company (Columbus)	\$ 42,400.00	\$ 43,716.00

November 14, 1968 meeting, Board of Trustees

V. REPORT OF AWARD OF CONTRACTS (continued)

B. McCracken Power Plant - Additional Boiler No. 9 (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Steam Generator Unit Contract</u> (5 bids received 10-22-68)		
E. Keeler Company (Baltimore, Ohio)		
Base Bid	\$116,995.00	\$126,500.00
Alt. B-1 Furnish and install boiler and auxiliaries capable of 110% MCR 2 hr. peak	- - -	6,000.00
Alt. B-2 Furnish and install water column with clear glass, multiport gauge, illuminator and floor mirror	1,535.00	1,800.00
Alt. B-3 Provide two element feedwater regulator in lieu of single element	3,550.00	2,500.00
	<u>\$122,080.00</u>	<u>\$136,800.00</u>
<u>Total All Contracts</u>	<u>\$182,480.00</u>	<u>\$205,300.00</u>

Funds for this project are provided in Budget Account 801178 (Construction Account for Additional Boiler No. 9).

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VI. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Pedestrian Bridge Over Olentangy River and Olentangy River Road

On February 8, 1968, the Board of Trustees approved the employment of Tweed & Eriksson, Engineers, to provide services in connection with this project.

The original project was based on a limited concept of a pedestrian bridge over the river and the Olentangy River Road with temporary stairs at each end. The project has now been expanded to provide for pedestrians and bicycles, with connections to the new River Union terrace on the east and the parking areas on the west.

President Fawcett therefore recommended that a supplemental contract be approved with Tweed & Eriksson to provide for complete engineering services for the new project, including underwater survey, preliminary plans, detailed construction drawings, specifications, contract documents and periodic supervision of construction. The total fee for this service will be \$14,800.00 minus

November 14, 1968 meeting, Board of Trustees

VI. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Pedestrian Bridge Over Olentangy River and Olentangy River Road (continued)

previously approved fee of \$8,000.00, or an additional fee of \$6,800.00. Funds are available in Budget Account 801083 River Union and Drama Facilities and Budget Account 921300 Parking Facilities Rotary.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

B. Lima Campus - Easement, Shell Oil Company

The Shell Oil Company has requested a pipeline easement across State of Ohio lands that have been designated for the use of The Ohio State University, Lima Branch. The pipeline will provide an alternate site to the Shell Oil Company so that the Shell Oil Company can abandon its easement over lands owned by the City of Lima to facilitate the construction of Ferguson Lake water reservoir. The pipeline easement to Shell Oil Company is an additional 20 feet added to a permanent 60-foot Buckeye easement and is not considered excessive or detrimental.

The Ohio State University, by cooperating with the City of Lima to help facilitate the construction of Ferguson Lake water reservoir, will insure its branch campus of an adequate water supply.

President Fawcett therefore recommended that the pipeline easement be granted to the Shell Oil Company. It was further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for the pipeline easement.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the above recommendations were approved by unanimous roll call vote.

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VII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Donald Frederick Bowers, Clinical Assistant Professor in the Department of Medicine; Clyde William Dawson, Clinical Assistant Professor in the Department of Surgery; David Lee Kinsey, Clinical Assistant Professor in the Department of Surgery; Ben Renick Kirkendall, Associate Professor Emeritus in the Department of Radiology; and George Wendell Eckelberry, Professor Emeritus in the Department of Accounting. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

November 14, 1968 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM

A. Donald Frederick Bowers

The Board of Trustees expresses its sorrow at the death on June 10, 1968, of Donald Frederick Bowers, Clinical Assistant Professor, Department of Medicine.

Dr. Bowers was born on January 15, 1901, in East Liverpool, Ohio. He received a Bachelor of Science degree from The Ohio State University in 1924 and a Doctor of Medicine degree from the same university in 1926. He served an internship at Mount Carmel Hospital, Columbus, Ohio, from July 1, 1926 through June 30, 1927. He was appointed as Instructor in Orthopedic Surgery at The Ohio State University, College of Medicine, in 1929. He served in this capacity through 1933. In 1936 he was appointed to the faculty in the Department of Medicine, and he served in this capacity until his death in 1968.

Dr. Bowers was a member of the American Medical Association, the Ohio State Medical Association and the Columbus and Franklin County Academy of Medicine. Dr. Bowers also held membership in the American Heart Association, American Arthritis Association, and Ohio State Heart Association. He served on the Ohio State Medical Board from 1955 to 1965 and was Chairman of the Ohio State Cosmetology Board in 1963.

Dr. Bowers was medical director at Franklin Village, Franklin County Welfare, for many years and this was a job in which he took particular pride and interest. He served in the U. S. Navy for nine months as a Landsman. He was a member of the National Guard from 1927 through 1931.

Dr. Bowers took an active part in the Shriners and was a Potentate of the Aladdin Temple in 1952.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the College of of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heart-felt sympathy in its bereavement.

B. Clyde William Dawson

The Board of Trustees expresses its sorrow at the death on June 9, 1968, of Clyde William Dawson, Clinical Assistant Professor in the Department of Surgery.

Dr. Dawson was born January 17, 1904. He was a native of Yellow Springs, Ohio, and the son of a former president of Antioch College. He was graduated from Antioch College with an A.B. degree in 1925 where he starred in basketball. He received his M.D. degree from The Ohio State University in 1929.

November 14, 1968 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

B. Clyde William Dawson (continued)

In 1929 and 1930 Dr. Dawson served an internship in Miami Valley Hospital, Dayton, Ohio, following which he entered general practice in Xenia, Ohio. There he became Assistant Resident in Pediatrics at the Ohio Soldiers and Sailors Home from 1930 to 1934.

In 1934 he was appointed a Resident in General Surgery at the New York Postgraduate School and Hospital in which capacity he served one year. From 1935 to 1937 he served as House Officer in Orthopaedic Surgery at Childrens and Massachusetts General Hospitals in Boston, Massachusetts. He was then appointed Resident in Orthopaedic Surgery and Assistant in the Department of Orthopaedic Surgery at Harvard Medical School and Childrens Hospital in Boston from July, 1937 to September, 1938.

In 1938 Dr. Dawson came to Columbus, Ohio, after being named Consultant to the Industrial Commission of Ohio which post he held until 1941 when he became associated with Dr. Judson D. Wilson in the practice of orthopaedic and traumatic surgery. He joined the faculty of The Ohio State University in 1938 in the Department of Surgery, Orthopaedic Division.

Dr. Dawson was a Fellow of the American College of Surgeons, American Academy of Orthopaedic Surgery and American Medical Association. He was a member of the Clinical Orthopaedic, the Tri State Orthopaedic and the Ohio State Orthopaedic (of which he was a past president) and Columbus Surgical Societies. He was also a member of the Ohio State Medical Association, the Columbus Academy of Medicine, the Northeast State Orthopaedic Club, the Orthopaedic Guild, a regional member of the American Academy of Orthopaedic Surgeons and a diplomat of the American Board of Orthopaedic Surgery. He was a senior attending physician at University, Riverside and Children's Hospitals and the Franklin County T. B. Sanatorium. In addition, Dr. Dawson was on the consulting staffs of numerous other local and area hospitals.

Dr. Dawson was a member of Community Lodge No. 684, F. & A. M., Scottish Rite and Shrine and was active in the Aladdin Shrine Crippled Children's program. He was a member of First Community Church.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the College of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. David Lee Kinsey

The Board of Trustees expresses its sorrow at the death on May 19, 1968, of David Lee Kinsey, Clinical Assistant Professor in the Department of Surgery.

November 14, 1968 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

C. David Lee Kinsey (continued)

Dr. Kinsey was born in East Liverpool, Ohio, on June 19, 1929. He was graduated from The Ohio State University where he received his Bachelor of Arts degree in 1951, Doctor of Medicine degree in 1955 and Master of Medical Science degree in 1961.

Dr. Kinsey served his internship at The Ohio State University Hospital from 1955 to 1956. He served a full general surgical residency and thoracic surgical residency at The Ohio State University Hospital from 1956 to 1962. This was interrupted by two years service given to the National Cancer Institute at the National Institutes of Health in Bethesda, Maryland, from 1957 to 1959, where he was Senior Assistant Surgeon. Following this period of training, he received certification by the American Board of Surgery and the American Board of Thoracic Surgery.

From 1963 to 1964 Dr. Kinsey served as a member of the full-time teaching staff of the Department of Surgery, where he was cancer coordinator. On July 1, 1964, Dr. Kinsey entered private practice of surgery in Columbus, Ohio, serving in his specialties of general and thoracic surgery, while continuing his activities in cancer-oriented programs and cancer research. He provided twenty-four scientific publications that manifested his interest in and ability in teaching and research.

The listing of Dr. Kinsey's educational and professional background gives no clue to his qualities and abilities as a person. Although he was driven by a sense of urgency and a demand for perfection in his professional performance, he carried a warmth and kindness for his patients that provided a rare combination in this day of impersonal scientific production. Doctor Kinsey's unusual personality with happiness, friendliness and wit carried him to deep friendship in many other fields. He carried an unshakable loyalty for his teachers and his University. His integrity inspired not only his students, but his co-workers as well. The loss of this brilliant young man was great, but the inspiration that he has left will keep his memory alive.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the College of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. Ben Renick Kirkendall

The Board of Trustees expresses its sorrow at the death on June 16, 1968, of Ben Renick Kirkendall, Associate Professor Emeritus in the Department of Radiology.

November 14, 1968 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

D. Ben Renick Kirkendall (continued)

During the span of a lifetime, Dr. Kirkendall was the recipient of many honors. He received his medical degree from Starling Medical College in 1905 and his postgraduate studies were completed at Johns Hopkins University and Jefferson Medical College.

Dr. Kirkendall practiced medicine for sixty years, was an Honorary Staff Member at Riverside Methodist Hospital and an Associate Professor Emeritus in Radiology at The Ohio State University. He was a member of the Academy of Medicine of Columbus and Franklin County, the Ohio State Medical Association, the American Medical Association, the American Radium Society and the American Cancer Society.

Dr. Kirkendall will be remembered by the faculty and former residents in Radiology at The Ohio State University for his contributions and teaching in medicine, especially in the procedural use of radium and its derivatives as therapeutic agents.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the College of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

E. George Wendell Eckelberry

The Board of Trustees expresses its sorrow at the death on October 31, 1968, of George Wendell Eckelberry, Professor Emeritus of Accounting.

Professor Eckelberry was born at Zaleski, Ohio, on February 1, 1892. He received his B. A. and M. A. degrees from The Ohio State University in 1914 and 1916. During World War I, he served in the Signal Corps and rose through the ranks to Second Lieutenant. He began his career at Ohio State in 1915 and served the University continuously for forty-seven years until his retirement in 1962. His first Ohio State appointment was that of Assistant in the Department of Economics and Sociology. He was made full Professor in 1921, and in 1922 he assumed the Chairmanship of the newly formed Department of Accounting. During these same early years, he passed the Ohio Certified Public Accountant's examination in 1920 and was admitted to the Ohio Bar in 1921.

Professor Eckelberry's exceptional talents were recognized in 1926 when he became Assistant to University President George W. Rightmire, a position he held until 1938. His duties included supervision of the faculty budget, Chairman of the Council on Instruction, member of the Administrative Council and of the University Cabinet. When President Rightmire retired in 1938, Professor Eckelberry returned to teaching in the Department of Accounting. Thereafter, at various times, he was Chairman of the Committee on Student Standing,

November 14, 1968 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

E. George Wendell Eckelberry (continued)

member of the Committee on Honorary Degrees and member of the Executive Committee of the Graduate Council. In addition, he served as Director of the University's Summer Quarter program and from 1923 to 1926 he was the first coach of the University's golf team.

In 1927, Professor Eckelberry co-authored a textbook, Outlines of Accounting, which was used in elementary accounting courses at Ohio State for many years. He published numerous articles on professional topics and became a highly regarded authority in public utility accounting. In 1916, he was one of the founders of the American Association of University Instructors in Accounting, later to become the American Accounting Association, and served as its Secretary-Treasurer from 1924 to 1926. He was also a member of the American Institute of Certified Public Accountants, the Ohio Society of Certified Public Accountants, Beta Alpha Psi, Beta Gamma Sigma, Alpha Kappa Psi and Delta Tau Delta. In recognition of his notable leadership in accounting education and of his effective service to this University in major administrative assignments, he was granted The Ohio State University Distinguished Service Award in August, 1962.

On behalf of the University at large, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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VIII. REPORT

A. Report on the University's Investment Portfolio

The report dated November 13, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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IX. DEMONSTRATION OF COMPUTER-AIDED INSTRUCTION

Upon the invitation of President Fawcett, the Associate Provost of the University, Dr. Ronald Brady, provided a demonstration of computer-aided instruction. Messrs. John P. Howell and James V. Griesen of the systems research department, The Ohio State University College of Medicine, assisted with the demonstration of how IBM computers are used in teaching histology and physical chemistry courses for medical students.

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November 14, 1968 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, December 12, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 12, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, December 12, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Bertram D. Thomas, John G. Ketterer, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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December 12, 1968 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Amendment Number 38 to John Hancock Mutual Life Insurance Company Contract - Policy No. 1305-G

President Fawcett presented on behalf of the Retirement and Insurance Committee a resolution amending the insurance program for faculty, staff and all regular employees. Amendment Number 38 has been made possible by Revenue Ruling 68-334 - proceeds of group life insurance not included in employee's estate if all rights, including conversion privilege, were irrevocably assigned, and Amended Senate Bill No. 129 amending Section 3917.07 of the Ohio Revised Code. The following resolution was recommended for adoption:

BE IT RESOLVED by the Board of Trustees, The Ohio State University, that Amendment Number 20, effective July 1, 1960, regarding "Change of Beneficiary," be cancelled and Amendment Number 38 be substituted to be retroactively effective to June 1, 1968.

Amendment Number 38:

It is understood and agreed that effective as of June 1, 1968, said Policy is hereby amended as follows:

- (1) Amendment Number 20 to said Policy is cancelled and annulled and of no further effect.
- (2) The following provision shall supersede and replace all other provisions of said Policy relative to assignments by Unclassified Employees insured under said Policy, of their rights and benefits relating to the Group Life Insurance coverage:

Assignment. No rights or benefits of any such employee relating to his or her Group Life Insurance and Permanent and Total Disability Benefits Insurance, if any, under this Policy shall be assignable except as follows: Such employee may for himself or herself, his or her heirs, executors, administrators and assigns, assign all right, title and interest, and ownership and control and incidents of ownership in this Policy with respect to the Life Insurance on his or her life and his or her Permanent and Total Disability Benefits Insurance, if any, and in any and all such insurance provided now or at any time hereafter under this Policy, together with any additional such insurance which may be provided in the future under this Policy and together with all

I. GENERAL RECOMMENDATIONS (continued)

A. Amendment Number 38 to John Hancock Mutual Life Insurance Company Contract - Policy No. 1305-G (continued)

benefits, rights and privileges provided now or at any time hereafter under this Policy pertaining to such insurance (including any and all right, title and interest which, except for such assignment, would pass to the estate of the employee) including specifically but not by way of limitation upon the generality of the foregoing, all rights to:

- (i) receive the indemnities and benefits of such insurance,
- (ii) submit the notice of claim, proofs of loss, and proofs of disability required for entitlement to or continuance of such insurance,
- (iii) exercise the conversion privilege,
- (iv) name or change the beneficiary of the employee's insurance under this Policy,
- (v) purchase any such additional insurance for which the employee may become eligible under this Policy,
- (vi) make payment to the Policyholder of any premium payments required to maintain his or her insurance in force under this Policy, and
- (vii) cancel such insurance,

provided such assignment is made in writing by the employee and consented to by the Policyholder and by the Insurance Company in writing. The Policyholder and the Insurance Company reserve the right to decline to consent to any such assignment, and in no event shall the Policyholder or the Insurance Company be responsible for the validity, effect or sufficiency of any such assignment to which it has consented.

- (3) The Change of Beneficiary provision under the Group Life Insurance coverage is amended by the addition of the following paragraph:

December 12, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Amendment Number 38 to John Hancock Mutual Life Insurance Company Contract - Policy No. 1305-G (continued)

Anything in this provision to the contrary notwithstanding, an Unclassified Employee may nominate an irrevocable beneficiary, provided such nomination is made in writing and is consented to by the Insurance Company in writing.

Except as stated in this Amendment, nothing contained herein shall be held to alter or affect any of the provisions of said Policy including any prior Amendments.

BE IT FURTHER RESOLVED that the President be authorized to sign on behalf of The Ohio State University, Amendment Number 38 to John Hancock Mutual Life Insurance Company Policy No. 1305-G.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above resolution amending the insurance program for faculty, staff and all regular employees was adopted by unanimous roll call vote, and the President was authorized to sign said Amendment.

B. Degrees and Certificates Conferred--Autumn Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 14, 1968, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix III, page 311.)

Upon motion of Mr. Shocknessy, seconded by Dr. Thomas, the Board of Trustees approved the above recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the November 14, 1968 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointment, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

A. Appointment

E. Grosvenor Plowman, Visiting Professor (James R. Riley Professorship of Transportation and Business Logistics), College of Administrative Science, effective January 1, 1969 through March 31, 1969, at a salary of \$6,600.00 for the period.

December 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions

Robert E. Georges from Counselor in the College of Administrative Science to Assistant Dean and Director of the Undergraduate Business Administration Program in the College of Administrative Science, effective January 1, 1969, at a salary of \$15,168.00 per annum.

Jon Cunnynggham from Associate Professor in the Department of Economics to Professor in and Chairman of the Department of Economics, effective January 1, 1969, at a salary of \$22,008.00 per annum.

C. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Doris R. Tupps, Instructor (County Extension Agent, Home Economics) Crawford County, effective January 1, 1969 through March 15, 1969, to participate in a program of professional improvement at Ohio University.

D. Leaves of Absence Without Salary

Mary E. Young, Associate Professor, Department of History, effective April 1, 1969 through June 30, 1969, to engage in research at the Library of Congress and the National Archives.

H. William Chalsma, Assistant Professor, Department of Slavic Languages and Literatures, effective January 1, 1969 through June 30, 1969, to engage in research study at Leningrad University, USSR.

Joan Phillips Leitzel, Assistant Professor, Department of Mathematics, effective January 1, 1969 through March 31, 1969, for personal reasons.

Francis C. Westrick, Instructor (County Extension Agent, 4-H) Williams County, effective October 1, 1968 through December 15, 1968, to participate in a program of professional improvement at Michigan State University.

December 12, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Title

Merwin E. Potter, College of Administrative Science,
with the title Assistant Dean Emeritus, effective April 1,
1969.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the Appointment, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" an official document of the University.

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III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting:

1. Government Research Contracts - Federal

- a1. Atomic Energy Commission, Argonne, Illinois, A Study of the Mechanism of Stress Corrosion Cracking in the Iron-Nickel-Chromium Alloy System (to be known as Atomic Energy Commission Project No. 1673-A - Mod. #6 - Department of Metallurgical Engineering).
Gross Value - \$6,075.00.
- a2. Department of the Navy, Office of Naval Research, Washington, D. C., In Vivo Effects of Oxygen (and varying gas mixtures) at Hypo-, Iso-, and Hyperbaric Pressures on Erythrocytes and Brain (to be known as Office of Naval Research Project No. 2136 - Amend. #4 - Department of Medicine).
Gross Value - \$17,307.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures on the Antigenicity of Mycoplasma Pneumoniae Vaccines (to be known as National Institutes of Health Project No. 2356 - Sup. #3 - Department of Medical Microbiology).
Gross Value - \$5,840.00.

December 12, 1968 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- a4. United States Air Force, AFSC, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Intrinsic Surface Properties and Their Relation to the Mechanical Behavior of Metals and Alloys (to be known as Aeronautical Systems Division Project No. 2726 - New - Department of Metallurgical Engineering).
Gross Value - \$42,000.00.
- a5. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Intermittent Research on Material Problems (to be known as Aeronautical Systems Division Project No. 2731 - New - Research Foundation).
Gross Value - \$45,258.00.
- a6. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Plasma Diagnostic Techniques and Generation (to be known as Aeronautical Systems Division Project No. 2733 - New - Department of Physics).
Gross Value - \$23,520.00.
- a7. United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Communication Analysis Support (to be known as Aeronautical Systems Division Project No. 2734 - New - Department of Electrical Engineering).
Gross Value - \$50,000.00.
- a8. United States Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Coherent Multiplexing and Array Techniques (to be known as Rome Air Development Center Project No. 2738 - New - Department of Electrical Engineering).
Gross Value - \$82,362.00.

TOTAL - Government Research Contracts - Federal \$272,362.00

2. Government Research Grants - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Hemodynamic Studies (to be known as National Institutes of Health Project No. 1409-G - Ext. #7 - Department of Physiology).
Gross Value - \$11,203.00.

December 12, 1968 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Government Research Grants - Federal (continued)

- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemo- and Radiotherapy Treatment of Bladder Cancer (to be known as National Institutes of Health Project No. 1806-E - Ext. #7 - Department of Surgery).
Gross Value - \$14,251.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Arthritis and Metabolic Diseases, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2297 - Ext. #2 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- a4. National Science Foundation, Washington, D. C., Convergence Problems in Ergodic Theory and Probability Theory (to be known as National Science Foundation Project No. 2728 - New - Department of Mathematics).
Gross Value - \$13,700.00.
- a5. National Aeronautics and Space Administration, Washington, D. C., Fluid Dynamic Aspects of Cardiovascular Behavior During Vibration (to be known as National Aeronautics and Space Administration Project No. 2732 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$18,300.00.
- a6. National Science Foundation, Washington, D. C., Combinatorial Problems of Statistical Design of Experiments (to be known as National Science Foundation Project No. 2736 - New - Department of Mathematics).
Gross Value - \$50,000.00.

TOTAL - Government Research Grants - Federal \$108,454.00

3. Industrial and Other Research Contracts

- a1. Stokely-Van Camp, Inc., Indianapolis, Indiana, Fluid Balance in College Athletes (to be known as Stokely-Van Camp, Inc., Project No. 2616 - Ext. #1 - School of Physical Education).
Gross Value - \$500.00.

December 12, 1968 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Industrial and Other Research Contracts (continued)

- a2. University of Illinois, Urbana, Illinois, Research on Eye Motion
(to be known as University of Illinois Project No. 2735 - New -
Department of Electrical Engineering).
Gross Value - \$2,000.00.

TOTAL - Industrial and Other Research Contracts \$2,500.00

4. Industrial and Other Research Grant

- a1. The Heart Association of Eastern Ohio, Inc., Youngstown,
Ohio, Ultrastructural Study of Myogenesis in Cardiac Hypertrophy
(to be known as The Heart Association of Eastern Ohio, Inc.,
Project No. 2739 - New - Department of Veterinary Pathology).
Gross Value - \$7,488.00.

The foregoing seventeen contracts and grants for research in cooperation
with Government, Industry and Other represent a gross income of
\$390,804.00.

Upon motion of Dr. Thomas, seconded by Mr. Hilliker, the research agreements
between The Ohio State University and The Ohio State University Research Foun-
dation for the above contracts and grants were approved by unanimous voice
vote.

B. The Report of the Research Contract
from the Engineering Experiment Station

During the period from October 31, 1968 through November 25, 1968, the
Engineering Experiment Station of The Ohio State University entered into
the following research contract. This research contract was reported to
the Board of Trustees for information and the record.

1. Industrial Research Contract

EES 324X Effects of the Atmosphere on the Propagation of Laser
Radiation, North American Rockwell Corporation,
Columbus, Ohio.
Gross Value - \$28,614.00.

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December 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since November 14, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$141,123.00 granted by National Science Foundation, Washington, D. C. , 20550, to the University for support of an "Academic Year Institute in Science for Secondary School Teachers," under the direction of the College of Education. This grant terminates on September 30, 1970. (GW-3508)
2. \$99,231.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. , 20202, to the University for "Development of Performance Goals for a New Office and Business Education Program," under the direction of the Center for Vocational and Technical Education, for the period June 20, 1968 through April 19, 1969. (Grant No. OEG-0-8-080414-3733)
3. \$58,393.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Grant - Medical Cardiology," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T12 HE05786-02)

TOTAL - Administered Through the Office of Business and Finance -
\$298,747.00

B. Received Through The Ohio State University Development Fund

1. \$25,000.00 from a bequest from the late Vance I. Shield, in memory of his son, Vance I. Shield, Jr., for the establishment of the Vance I. Shield, Jr., Memorial Scholarship Fund.

Vance I. Shield, Jr., Memorial Scholarship Fund

The Vance I. Shield, Jr., Memorial Scholarship Fund was established December 12, 1968, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University from the late Vance I. Shield, formerly of St. Louis, Missouri, in memory of his son, Vance I. Shield, Jr., a former student at the University who was killed in World War II.

The principal is to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees.

The income is to be used annually for undergraduate scholarships to students at The Ohio State University.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees.

December 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

2. \$20,000.00 from Alcoa Foundation, Pittsburgh, Pennsylvania, for the Alcoa Foundation Professorship in Chemical Engineering.
3. \$14,387.50 in securities from Ralph W. Kurtz, Coshocton, Ohio, for research in the College of Medicine.
4. \$13,272.50 from Mark L. Morris Animal Foundation, Denver, Colorado--\$9,560.00 for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine and \$3,712.50 to establish a research fund in the College of Veterinary Medicine.
5. \$10,062.50 from G. D. Searle & Company, Chicago, Illinois, for the G. D. Searle & Company Research Fund in the College of Medicine.
6. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, (In the name of Mrs. Marie R. Bremer), for the Bremer Foundation Fund.
7. \$10,000.00 from Shell Companies Foundation, Inc., New York, New York--\$5,000.00 for the Shell Companies Foundation Fellowship Fund in Mechanical Engineering and \$5,000.00 for the Shell Companies Foundation Fellowship Fund in Chemical Engineering.
8. \$10,000.00 from the Trust under the account of William B. Calkins--\$5,000.00 for the John B. Fullen Scholarship Fund and \$5,000.00 for the James Thurber Memorial Fund.
9. \$8,573.42 from the Estate of Mrs. Idalia Bradfield for The Bradfield-Watrous Memorial Fund.
10. \$7,241.00 from National Fund for Medical Education, New York, New York, for the National Fund for Medical Education Fund.
11. \$7,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Eli Lilly and Company Organic Chemistry Research Fund.
12. \$7,000.00 from Suburban Motor Freight, Inc., (In the name of James R. Riley), for the James R. Riley Professorship of Transportation and Business Logistics.
13. \$5,999.24 from Dr. Herbert W. Salter for the Herbert W. Salter Fund for Family Medical Care.
14. \$5,000.00 from World Health Organization, Geneva, Switzerland, for the WHO International Reference Center.
15. \$4,506.20 from Donald J. Lett for the Grace Wolfe Kenson Lahm Student Loan Fund.

December 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

16. \$4,500.00 from Armco Foundation for the Armco Fellowship in Metallurgical Engineering.
17. \$4,500.00 from Kennecott Copper Corporation for the Kennecott Copper Corporation Fellowship in Metallurgical Engineering.
18. \$4,500.00 from North Central Breeders Research Council for the North Central Breeders Research Council Fund.
19. \$4,200.00 from Goodyear Tire and Rubber Company Fund for the Goodyear Foundation Fellowship Fund.
20. \$3,931.25 from Robert M. Critchfield for the Robert M. Critchfield Fund for Engineering.
21. \$3,500.00 from Mrs. Albert L. Henne for the Albert L. Henne Memorial Fund.
22. \$3,100.00 from Jack W. Nicklaus for the Robert K. Barton Memorial Fund.
23. \$3,000.00 from Griffith Foundation for Insurance Education for the Charles W. Griffith Memorial Fund.
24. \$3,000.00 from A. H. Robins Company, Inc., for the Gastroenterology Research Fund.
25. \$3,000.00 from Tektronix Foundation, Beaverton, Oregon, for the Tektronix Ceramic Fellowship Fund.
26. \$3,000.00 from the Trust under the Will of Emerson S. Zuck for the Emerson S. and Lucy J. Zuck Fund.
27. \$1,842.50 from William H. Havener, M.D., for the Ophthalmology Teaching Fund.
28. \$1,500.00 from Ronald W. Thompson for the Ronald W. Thompson Fund for Engineering.
29. \$1,497.52 from Josephine S. Failer, (In the name of Jay L. Failer), for the Presidents Club Special Fund.
30. \$1,170.25 from Arthur E. Shepard--\$670.25 as an undesignated gift to the University and \$500.00 for the Charles W. Griffith Memorial Fund.
31. \$1,000.00 from John B. Gerlach for the Presidents Club Special Fund.

December 12, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

- 32. \$1,000.00 from Walter H. Kidd for the Walter H. Kidd Engineering Discretionary Fund.
- 33. \$1,000.00 from Fred A. Murphy for the Student Athlete Grant-in-Aid Fund.

TOTAL - Received Through The Ohio State University Development Fund -
\$207,283.88

C. Gifts-in-Kind

- 1. A Model C Slave Vibrator Unit from Stress Relief Engineering, Inc., Costa Mesa, California, for use in the Department of Ceramic Engineering.
- 2. An electroencephalograph from Zacks Foundation, (In the name of Gordon Zacks), for use in the Department of Psychiatry.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the acceptance of the foregoing grants and gifts and the establishment of the above-named fund were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Report from The Ohio State University Development Fund

In October, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,916	\$131,659.76
Individuals other than alumni	56	27,382.92
Nonprofit organizations	21	147,121.99
Business concerns	<u>41</u>	<u>51,562.45</u>
	3,034	\$357,727.12

Of these gifts, 2,297 totaling \$21,772.76 were undesignated and 737 totaling \$335,954.36 were designated.

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V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials and estimates of cost for the following projects be approved by the Board of Trustees:

December 12, 1968 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. Remodeling of Tuberculosis Hospital (Means Hall)

This project consists of the renovation of the entire 5th floor of the Tuberculosis Hospital (Means Hall) to provide new cardiovascular facilities.

Funds for this project will be provided from Budget Account 960200 (Hospital Rotary) and a Federal Grant.

B. Pedestrian Bridge Over Olentangy River and Olentangy River Road

This project is a bridge for pedestrians and bicycles over Olentangy River and Olentangy River Road, with connections to the new River Union terrace on the east and parking areas on the west.

Funds for this project will be provided from Budget Account 801083 (River Union and Drama Facilities) and Budget Account 921300 (Parking Rotary).

C. Dentistry Building - Compressed Air Piping

This project will provide the installation of a new compressed air distribution system.

Funds will be provided from Budget Account 129210 (Dentistry Improvements).

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACT

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contract was recommended for award. The action reported to the Board was as follows:

December 12, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACT (continued)

A. Mershon Auditorium--Interior Wall Restoration

	<u>Low Bid</u>	<u>Est. of Cost</u>
(6 bids received 11-21-68)		
W. F. Bolin Company (Columbus)	\$14,400.00	\$28,000.00

Funds for this project are provided from Budget Account 124358 (Contract Repair).

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above award of contract and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Laboratory Animal Facility - Request Authority to Negotiate Easements and Agreements to Provide for Construction of a 15" Sanitary Sewer

Easements and temporary work agreements for the construction of a 15" sanitary sewer line will be required for the development of the Laboratory Animal Facility located adjacent to Don Scott Field. President Fawcett recommended that the necessary agreements to provide the right-of-way be negotiated with the private land owners as determined from engineers' drawings.

It was further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to appraise the land owners' rights and to develop the necessary legal documents to provide the University with a right-of-way.

Upon motion of Mr. Dunlap, seconded by Mr. Ketterer, the above recommendations were approved by unanimous roll call vote.

B. Means Hall--Renovation of Electrical System, Employment of Architects

President Fawcett recommended that the engineering firm of H. A. Williams and Associates be employed to prepare electrical revisions for Means Hall. All new electrical work to include power for addition of window air conditioning units on all floors, modification of the lighting systems and additional local load requirements.

It is understood that this firm will be employed through the bidding period.

December 12, 1968 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Means Hall--Renovation of Electrical System,
Employment of Architects (continued)

The fee for this work is 5 1/2 per cent of the total contract cost, for a sum not to exceed \$13,750.00. Funds will be provided from Budget Account 960200 (Hospital Rotary).

Upon motion of Mr. Shocknessy, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

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VIII. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Fordyce Ely, Professor Emeritus in the Department of Dairy Science. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Fordyce Ely

The Board of Trustees of The Ohio State University expresses its sorrow at the death November 21, 1968, of Fordyce Ely, Professor Emeritus in the Department of Dairy Science.

Dr. Ely was born January 25, 1898, in St. Croix Falls, Wisconsin. He attended Central High School in St. Paul, Minnesota, and entered the University of Minnesota in 1915 where he received the Bachelor of Science degree in 1919. After working on dairy farms and as fieldman for the Twin Cities Milk Producers Association, he enrolled at Iowa State College where he received the Master of Science degree in 1921. From 1921 to 1928, he served on the faculty at Iowa State College where he attained the rank of Associate Professor. In 1928, he became Professor in charge of the Dairy Section at the University of Kentucky. On a leave of absence from the University of Kentucky, Fordyce Ely received the Doctor of Philosophy degree from the University of Minnesota in 1939, specializing in the physiology of milk secretion. He returned to the University of Kentucky and continued teaching and serving as head of the Dairy Section until he joined the faculty at The Ohio State University in 1948. From January 1, 1948 until his retirement in 1963, Dr. Ely served as Professor and Chairman of the Department of Dairy Science where his consecration and enthusiasm were immeasurably responsible for the development and reputation of the Department. He spoke frequently before Ohio dairy farmer audiences and co-authored numerous scientific papers.

Professor Ely was widely known among the purebred dairy cattle breeders throughout the United States for his ability as a dairy cattle judge and a type classification inspector. In his years of dedicated teaching and personal counseling, he touched the hearts of his students and stimulated them to establish goals worthy of their ability. Many distinguished graduates

December 12, 1968 meeting, Board of Trustees

VIII. RESOLUTION IN MEMORIAM (continued)

A. Fordyce Ely (continued)

attribute their success directly to Dr. Ely's influence. In 1966, Dr. Ely organized and conducted a six-week People-to-People tour of Russia and other European countries for a group of 40 Ohio dairy leaders.

Dr. Ely's ability and accomplishments were recognized throughout his career. In 1937, he was an official delegate to the World's Dairy Congress in Berlin; and in 1946, he was elected President of the American Dairy Science Association. The University of Minnesota honored him in 1960 by selecting him as the recipient of the Outstanding Achievement Award. In addition to his membership in the American Dairy Science Association, he was a member of the honor societies: Sigma Xi, Gamma Sigma Delta, Alpha Zeta and Gamma Alpha. He was held in high regard by his fellow faculty members and the leaders of the dairy cattle industry throughout the United States. His contributions to dairying both within Ohio and elsewhere will long be appreciated and remembered.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Ely its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

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IX. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting on November 15, 1968

President Fawcett reported for information and the record that the Board of Regents at its meeting on November 15, 1968, approved the increase in the Student Services Fee from \$20 to \$25 per quarter, effective Winter Quarter, 1969.

B. Highlights of University Activities

President Fawcett reported to the Board that the Autumn Quarter Commencement Convocation would be held on Saturday, December 14, 1968, with Dr. John A. Hannah, President of Michigan State University, as the Commencement speaker. He stated further that in a 1968 survey of enrollments at 1,145 U. S. colleges and universities conducted by the University of Cincinnati, Ohio State was reported to rank 10th in full-time enrollment (41,555) and 13th in grand total enrollment (45,262).

December 12, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

C. Report on Rose Bowl Ticket Sales

Mr. Mount, Chairman of the Rose Bowl Committee, reported that his committee was working to see that the people who will represent this institution do so in the highest possible manner in accordance with the guidelines set down by the Big Ten Conference in order to bring prestige to the Conference and this University. He reported that to date 4,966 student tickets had been sold and 591 faculty and staff for a total of 5,557 students, faculty and staff. The sponsored tour will accommodate 1,301 students and the wives and parents of the players will bring that total to 1,450 and 1,380 alumni will go on the alumni tour.

D. Progress Report on the Centennial Observance Plans

Dr. Alfred B. Garrett, Vice President for Research, who is serving as Chairman of the University's Centennial Observance Committee, presented a report on the progress in the preparation for this observance. A copy of the complete report is filed with the official records of the Board of Trustees.

E. Report on the University's Investment Portfolio and Accountant's Report on the University Dormitory Revenue Bond Funds

The report on the University's Investment Portfolio dated December 11, 1968, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1968, prepared by Peat, Marwick, Mitchell & Co., as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, February 13, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

APPENDIX III

Degrees Conferred at

**THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION**

December 14, 1968

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The Recipients of Honors

WEIKKO A. HEISKANEN

DOCTOR OF SCIENCE

World leader in geodesy, founder of this University's Department of Geodetic Science, genius at stimulating students and colleagues to productive research

Weikko A. Heiskanen is without question the world's most eminent and influential geodesist, and The Ohio State University may well rejoice at the honor of having been the beneficiary for 15 years of his activity on this faculty.

After a long and brilliant career in Finland, Dr. Heiskanen came to the United States in 1950. Under the initial aegis of Ohio State's Department of Geology, he founded on this campus the first department of geodetic science in an American university. Today that department is recognized and respected the world over.

Dr. Heiskanen is the author of some 140 books and articles covering a wide range in geodesy, 82 of which are original contributions to knowledge and all of which have figured in the advancement of his science. His studies of gravity data and their relation to the condition of isostasy in the earth's crust have created an important bridge between geodesy and its sister science of geology, and they will ever stand as classic in their realm. His work in devising the global geodetic system that unifies the work of geodesists all over the world has brought international fame to this University.

While at Ohio State, he organized symposia that brought together several brilliant assemblages of scientists from all parts of the world and, by the cross-fertilization they engendered, advanced the geophysical sciences at large.

Dr. Heiskanen has evinced real genius at stimulating students and colleagues to outstanding accomplishment in a wide variety of geodetic and related fields. His imprint upon these sciences therefore extends far beyond the results of his own individual research.

No less than 30 high honors have come to Dr. Heiskanen, many of international significance. The Ohio State University now takes great pride in adding its accolade to this impressive array, in clear recognition of the great contribution he has made to his field and to the excellence and world-wide reputation of this University.

LISTER HILL

DOCTOR OF LAWS

Dedicated public servant and architect of legislation which has raised to new heights the level of health and education of the American people

Lister Hill, United States Senator from Alabama, has devoted his creative energy and interest to the strengthening of the health and education of this nation.

Son of a dedicated surgeon, bearer of the name of Dr. Joseph Lister distinguished in the medical history of the world as a pioneer in antisepsis, Senator Hill brought to the councils of government a mind hospitable to the great traditions of medicine. During a career of more than four decades in the Congress of the United States, he labored to fashion the tools and to lay the foundations for medical research and education and to provide those facilities that will make possible the "Golden Age of Medicine" which he has foreseen for the world.

Honored throughout the United States as the "Statesman of Health," recipient of the late President Kennedy's accolade as "the outstanding Congressional leader in the field of medical legislation in the nation," Senator Hill was the chief architect of the Hill-Burton Act which has provided hospital facilities throughout the United States, including 20,000 beds in 300 hospitals in the State of Ohio.

The National Institutes of Health are largely the legislative creation of Senator Hill. He has led the legislative fight against mental illness and mental retardation, and he has been the principal initiator of legislation expanding health education and training and strengthening public health programs and aid to the handicapped.

The Ohio State University is among the host of institutions which have been the beneficiaries of Senator Hill's vigorous leadership in the field of education. To cite but two legislative landmarks in his long career, he was co-author of the GI Bill of Rights and author of the National Defense Education Act, and he has been a Congressional leader and national spokesman for virtually all legislation involving organized education at any level.

In recognizing Senator Hill, The Ohio State University pays tribute to a lifetime of public service and to the almost unending array of major accomplishments in the fields of science, health, and education which that lifetime of service has produced.

KARL SCHWARTZWALDER

DOCTOR OF SCIENCE

Creative engineer and scientist, effective administrator, distinguished humanitarian and leader in the education of young people

Throughout his professional career, Karl Schwartzwaldler, director of research and development for the AC Spark Plug Division of General Motors Corporation, has demonstrated an insatiable curiosity about materials and their behavior. Today, almost all alumina products manufactured follow closely the results of his pioneering research in alumina ceramics and the disclosures of the more than 50 patents issued to him.

A graduate of The Ohio State University, from which he received the Bachelor of Ceramic Engineering and Master of Science degrees, he has been with the General Motors Corporation his entire professional career except for periods of service as a consultant to government scientific groups and technical and scientific societies.

Mr. Schwartzwaldler was a scientific consultant to the Manhattan Project and has served on committees of the National Bureau of Standards, the National Science Foundation, and the Atomic Energy Commission. He is a member of many professional and learned societies, among them the American Ceramic Society which he has served as president and the American Association for the Advancement of Science.

For his ingenuity and creative ability in the engineering and scientific fields, Mr. Schwartzwaldler has been honored in many ways. In 1959, he was chosen by this University as a Distinguished Alumnus.

Mr. Schwartzwaldler's outstanding professional accomplishments have been closely rivaled by civic contributions, particularly in improving educational opportunities for young people in his community. He is the founder and president of the "Five Talents" educational program to challenge the minds of the brightest youth in the Flint-area parochial high school system. He has given much of his time to stimulating the interest of young people in science and to cultivating in them a strong moral and religious fiber.

Karl Schwartzwaldler has demonstrated extraordinary ability as a scientist and engineer in the ceramic and automotive industries and has found time to give liberally of his talent in service to others. In every way, his career has indeed been one of great distinction.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

(One hundred and thirty candidates)

- Thomas Charles Agin.....Steubenville
B.Sc. in Edu., M.A.
Dissertation: The Development of Expectancy Self Hypotheses
Field of Specialization: Psychology
- Robert Lee Alt.....Columbus
B.S. (Capital University); M.Sc.
Dissertation: Infrared Spectra of $N^{15}H_3$
Field of Specialization: Physics
- Thomas Anthony Antkowiak.....Buffalo, N.Y.
B.A. (State University of New York at Buffalo)
Dissertation: The Chemistry of Cyclooctatetraene Dianion
Field of Specialization: Chemistry
- William Xavier Bajzer.....Midland, Mich.
B.S. (Case Western Reserve University); M.Sc.
Dissertation: Preparation and Reactions of Certain Halogenated 2, 5-Cyclohexadienones
Field of Specialization: Chemistry
- James Henry Barrett.....Middlesboro, Ky.
B.S. (Eastern Kentucky State College); M.Sc.
Dissertation: Selected Reactions of 1*H*-Azepines and Oxepins
Field of Specialization: Chemistry
- Peter John Barrett.....Frankton, New Zealand
B.S., M.Sc. (University of Auckland)
Dissertation: The Post-Glacial Permian and Triassic Beacon Rocks in the Beardmore Glacier Area, Central Transantarctic Mountains, Antarctica
Field of Specialization: Geology
- Paz Irabagon Bartolomé.....Manila, Philippines
B.Sc. (Philippine Normal College); M.E. (Miami University)
Dissertation: A Comparison of Questions and Objectives Listed in Basal Reader Guidebooks with Those Observed in the Reading Lessons
Field of Specialization: Education
- M. William Bates.....Limaville
B.S. in Ed. (California State College, Pennsylvania); M.A. (Kent State University)
Dissertation: A Study of the NDEA Institute Creativity in Industrial Arts
Field of Specialization: Education
- Jack Herman Bertsch.....Tampa, Fla.
A.B. (Denison University); LL.B. (Columbia University)
Dissertation: An Inquiry into the Asymmetry and Direction of Time
Field of Specialization: Philosophy

- Jerry Wayne Blake**.....Columbus
 A.B. (Miami University)
Dissertation: Hydrothermal Shale and Clay-Iron Compound Studies
Field of Specialization: Mineralogy
- Henry William Block**.....Irvington, N.J.
 B.S. (Carnegie Institute of Technology); M.Sc.
Dissertation: Convergence and Error Estimation for Sums of Dependent Random Variables
Field of Specialization: Mathematics
- Khalid Hasan Bokhari**.....Chuharkana, West Pakistan
 B.S. (Punjab University); M.S., B.Ed. (Agr.), M.Ed. (Agr.) (West Pakistan Agricultural University)
Dissertation: A Role-Performance Model for Vocational Agriculture Curriculum
Field of Specialization: Agricultural Education
- Victor Herbert Bond**.....Lubbock, Tex.
 B.S. in I.E., M.S. in I.E. (Texas Technological College)
Dissertation: An Investigation of Probabilistic Cell Occupancy in Experimental Design
Field of Specialization: Industrial Engineering
- Larry Ray Boots**.....Enumclaw, Wash.
 B.S. in Agr. (Washington State University); M.S. (Dairy Science) (University of Illinois)
Dissertation: The Relationship of Some Environmental and Physiological Stresses to Glutamic-Oxaloacetic and Glutamic-Pyruvic Transaminase Activities in Holstein Cattle
Field of Specialization: Dairy Science
- Robert Lee Brotzman**.....Baltimore, Md.
 B.E.E., M.Sc.
Dissertation: Investigation of a Perceiver
Field of Specialization: Electrical Engineering
- Grover Wayne Burkhardt**.....Columbus
 B.Sc. in Agr., M.Sc.
Dissertation: Costs of Using Selected Sprinkler Irrigation Systems in the Upper Mad River Valley Area of Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- Katherine Horween Burkman**.....Indianapolis, Ind.
 A.B. (Radcliffe College); A.M. (University of Chicago)
Dissertation: The Dramatic World of Harold Pinter: Its Basis in Ritual
Field of Specialization: Theatre
- Oscar Jehu Byrnside, Jr.**.....North Springfield, Va.
 B.S.Edu. (Concord College); M.S. (Virginia Polytechnic Institute)
Dissertation: Evaluating the Business and Office Education Service at the State Level
Field of Specialization: Education
- Donald Francis Calbreath**.....Temple, Tex.
 B.S. in Chem. (North Texas State University); M.Sc.
Dissertation: Partial Purification and Characterization of Pyruvate Kinase from Human Erythrocytes
Field of Specialization: Physiological Chemistry

- Donald Eugene Callan.....Cedarville
 B.S. (Taylor University) ; M.A. (Ball State Teachers College)
Dissertation: A Submaximal Cardiovascular Fitness Test for Fourth, Fifth, and Sixth Grade Boys
Field of Specialization: Physical Education
- Donald Raye Clark.....College Station, Tex.
 B.S. (An. Sc.), D.V.M., M.S. (Texas Agricultural and Mechanical University)
Dissertation: Characteristics of Atrial and Atrioventricular Conduction and of Induced Atrial Arrhythmias in the Dog
Field of Specialization: Veterinary Physiology
- Jay Howard Cohen.....Brooklyn, N. Y.
 B.S. (Polytechnic Institute of Brooklyn) ; M.Sc.
Dissertation: On the Scanning of Arrays Using Quantized Phase Shifters
Field of Specialization: Electrical Engineering
- Dale Osborne Condit.....Columbus
 B.Met.E., M.Sc.
Dissertation: The Dissolution Behavior of Fe-Ni Alloys in 1N H₂SO₄ at 25C
Field of Specialization: Metallurgical Engineering
- Joseph Alfred Cotruvo.....Toledo
 B.S. (University of Toledo)
Dissertation: Electronic Effects in Rearrangements to Electron Deficient Species Derived from 2-Diazo-1,1,1-triarylethanes
Field of Specialization: Chemistry
- Osvaldo Cox.....Naguabo, Puerto Rico
 B.S., M.S. (University of Puerto Rico)
Dissertation: Part I: Chemical Transformations of 2,3-Homotropone
 Part II: Solvolysis of Tricyclo [4.2.0.0^{2,4}] Octan-5yl Derivatives
Field of Specialization: Chemistry
- George Ernest Dambach.....Worthington
 B.Sc.
Dissertation: Mechanism of Acetylcholine Action on Ventricular Contractility
Field of Specialization: Pharmacology
- William Edward Davis.....Warren
 B.S. (Youngstown University)
Dissertation: (d,p γ) Directional Correlations: ²⁴Mg(d,p γ)²⁵Mg
Field of Specialization: Physics
- Lachman Dass Dhingra.....Bohtak, India
 B.V.Sc. and A.H. (Punjab University)
Dissertation: The Comparative and Topographic Anatomy of the Arteries of the Turkey (*Meleagris gallopavo*), Chicken (*Gallus domesticus*), Goose (*Anser anser*), and Duck (*Anas platyrhynchos*)
Field of Specialization: Veterinary Anatomy
- Frederick Joseph Dietrich.....Columbus
 B.S. in E.E. (University of Missouri) ; M.S.E.E. (Purdue University)
Dissertation: A Vertical Ionosonde Antenna System for Selecting Ionospheric Modes over the Frequency Range 2-20 MHz by Means of Polarization Control
Field of Specialization: Electrical Engineering

- Chester Gray Dunham.....Tucson, Ariz.
A.B. (Oberlin College) ; M.A.
Dissertation: The Diplomatic Career of Christopher Hughes
Field of Specialization: History
- Margarete Breuninger Fleischer.....Davis, Calif.
M.A. (Kent State University)
Dissertation: Die Gestalt des Kindes in der deutschen Prosaliteratur von 1832 bis 1857
Field of Specialization: German
- Ariadna Foureman.....Columbus
B.A., M.A.
Dissertation: Vauvenargues Estheticien, Critique Litteraire et Ecrivain
Field of Specialization: Romance Languages
- Russell Lee French.....Worthington
A.B., M.Ed. (University of Cincinnati)
Dissertation: A Study of Communication Events and Teacher Behavior: Verbal and Nonverbal
Field of Specialization: Education
- Howard Larry Fromkin.....Lafayette, Ind.
B.A. (Waterloo Lutheran University) ; M.A. (Bowling Green State University)
Dissertation: Affective Valuational Consequences of Self-Perceived Uniqueness Deprivation
Field of Specialization: Psychology
- Hal Dean Gaddis.....Worthington
B.Sc. in Edu., M.A.
Dissertation: An Analysis of Perceived Objectives in Selected Junior High Schools
Field of Specialization: Education
- Bonnie Leonard Gall.....San Juan, Puerto Rico
A.B. (Mount Holyoke College)
Dissertation: Chemical Behavior of the Oxide Radical Ion and the Ozonide Ion Produced in Oxygenated Aqueous Solutions at High pH by the Method of Pulse Radiolysis
Field of Specialization: Chemistry
- Robert John Garbacz.....Columbus
B.S. (State University of New York at Buffalo) ; M.Sc.
Dissertation: A Generalized Expansion for Radiated and Scattered Fields
Field of Specialization: Electrical Engineering
- Maxine Fuller Gates.....Columbus
B.Sc. in Edu., M.A.
Dissertation: A Comparison of the Learning Characteristics of Hyperactive and Hypoactive Children with Related Central Nervous System Dysfunctions
Field of Specialization: Education

- Robert Eugene Gensemer.....Englewood, Colo.
 B.S. in Health Ed. (East Stroudsburg State College, Pennsylvania);
 M.S. (Pennsylvania State University)
*Dissertation: The Effectiveness of the Golf-lite as a Practice Device
 on Learning to Drive a Golf Ball Straight*
Field of Specialization: Physical Education
- Geoffrey Gibson.....Kendal, England
 B.A. (University of Nottingham); M.A.
Dissertation: Family and Kinship in a Disabled Population
Field of Specialization: Sociology
- William Wayne Giffin.....Columbus
 B.A. (College of Wooster); B.Sc. in Edu., M.A.
Dissertation: The Negro in Ohio, 1914-1939
Field of Specialization: History
- Norman Miller Griggs, Jr.....Stow
 B.A., M.A. (DePauw University)
*Dissertation: Behavioral Goals for a Program of Instruction to Pre-
 pare Specialists in School Plant Planning*
Field of Specialization: Education
- Charles Christian Grove.....Galion
 B.Sc. in Edu., M.A.
*Dissertation: A Study of the Status of Organizational Relationships
 Between Teachers and Administrators in State Education Associations*
Field of Specialization: Education
- Christine Ruth Gustafson.....Rockford, Ill.
 B.A. (Drake University, Iowa); M.Sc.
*Dissertation: Studies of the Gem-Dialkyl Effect in the 2,2-Dialkyl-1-1,
 3-Propanediamine Chelates of Copper (II) and Nickel (II)*
Field of Specialization: Chemistry
- Patricia Ann Handwerk.....Wyomissing, Pa.
 B.A. (Swarthmore College)
Dissertation: An Investigation of the Concept of Action
Field of Specialization: Philosophy
- Randolph Thomas Harper.....New Orleans, La.
 B.S.S. (Fairfield University); M.A.
*Dissertation: The Influence of Selected Aspects of Cognitive and Affec-
 tive Development upon Preferences for Delayed Versus Immediate
 Gratification*
Field of Specialization: Psychology
- Sandra Nacci Harper.....Columbus
 B.Sc. in Edu., M.A.
*Dissertation: The Dramatic Presentation of Liberty in the Theater of
 Alfonso Sastre*
Field of Specialization: Romance Languages
- Edward Clegg Hart.....Eastland, Tex
 B.S.E.E., M.S.E.E. (Texas Technological College); B.D. (Presbyterian
 College)
*Dissertation: A Proposed In-Service Program in Physics for Experi-
 enced Secondary School Science Teachers*
Field of Specialization: Education

- Jeannette Hillman Henney.....Columbus
 B.A., B.Sc. in Edu., M.A.
Dissertation: Spirit Possession Belief and Trance Behavior in a Religious Group in St. Vincent, British West Indies
Field of Specialization: Anthropology
- M. Marian Kasabian Hoffman.....Belpre
 B.S. (Boston University); M.A. (Columbia University)
Dissertation: The Beginnings of Basic Baccalaureate Nursing Education: 1916-1929
Field of Specialization: Education
- Donald Bruce Hooper.....United States Air Force Academy, Colo.
 B.Sc. in Bus. Adm., M.B.A.
Dissertation: Differential Utility of Leadership Opinions in Classical and Moderator Models for the Prediction of Leadership Effectiveness
Field of Specialization: Business Organization
- Joseph Michael Hornback.....Middletown
 B.S. in Chem. (University of Notre Dame)
Dissertation: Norbornyl Cations
Field of Specialization: Chemistry
- Charles W. Houser.....Belleville, W. Va.
 B.A. (David Lipscomb College)
Dissertation: Reactions of Halocyclopropanes
Field of Specialization: Chemistry
- Roy Russell Huddleston.....San Antonio, Tex.
 B.S. (Texas Agricultural and Mechanical University); M.Sc.
Dissertation: The Effect of the Matrix on Axial Dispersion During Flow through Porous Media
Field of Specialization: Chemical Engineering
- Philip Anthony Ianna.....Charlottesville, Va.
 B.A., M.A. (Swarthmore College)
Dissertation: An Astrometric and Spectroscopic Study of the Galactic Cluster NGC 1039
Field of Specialization: Astronomy
- Eugene Lawrence Jarrett.....St. Albans, W. Va.
 B.S.Ch.E. (West Virginia University); M.Sc.
Dissertation: Flow and Mass Transfer in Rectangular Cavities
Field of Specialization: Chemical Engineering
- Muriel Kathleen Jones.....Indiana, Pa.
 B.S. (Indiana State College, Pennsylvania); M.Ed. (Pennsylvania State University)
Dissertation: Esteem Accorded to Clothed Figures as Related to Fashion and Perception
Field of Specialization: Home Economics
- Arnold Joseph.....Granville
 B.Sc. in Edu., M.A.
Dissertation: The Reappraisal of Racine in Twentieth Century French Criticism: Themes and Perspectives
Field of Specialization: Romance Languages

- Gayle Hahn Joyce.....Willoughby
 B.S. in Ed. (Kent State University); M.S. (Pennsylvania State University)
Dissertation: Biochemical Studies of *Zoogloea ramigera* Isolate 115 with Emphasis on Ethyl Alcohol Metabolism
Field of Specialization: Microbiology
- Jo Ann Vesco King.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: A Study of Selected Attitudinal Variables Among Senior High School Students
Field of Specialization: Education
- Annell Lacy.....Arlington, Tex.
 B.S., M.A. (Texas Woman's University)
Dissertation: An Analysis of Factors that Affect Job Satisfaction of Public High School Business Teachers in Ohio
Field of Specialization: Education
- Rattan Lal.....Karnal, Punjab, India
 B.Sc. (Punjab Agricultural University); M.Sc. (Indian Agricultural Research Institute)
Dissertation: Drainage and Nutrient Effects on Corn Grown in Ly-simeters
Field of Specialization: Agronomy
- John Oliver Lindower.....Columbus
 B.A. (Ashland College); M.D.
Dissertation: The Correlation of Cardiac Glycoside Subcellular Dis-tribution with Pharmacological Effect in the Isolated Perfused Guinea Pig Heart
Field of Specialization: Pharmacology
- John Francis Lindsay.....New South Wales, Australia
 B.Sc. (Hons.), M.Sc. (University of New England)
Dissertation: Stratigraphy and Sedimentation of the Lower Beacon Rocks of the Queen Alexandra, Queen Elizabeth, and Holland Ranges, Antarctica, with Emphasis on Paleozoic Glaciation
Field of Specialization: Geology
- Charlene McClanahan Lutes.....Grundy, Va.
 B.S. (Radford College); M.Sc.
Dissertation: Some Considerations of the Relationship between Geno-type and Phenotype of the *Ci* Mutant in *Drosophila melanogaster*
Field of Specialization: Zoology and Entomology
- James Michael Macki.....Mullen, Ida.
 B.S. (University of Idaho)
Dissertation: The Electrical Conductivity of Pure and Doped Dy₂O₃ and Gd₂O₃
Field of Specialization: Metallurgical Engineering
- Patricia Eileen Macnamara.....Dayton
 B.S. Ed. (Ohio University); M.A.
Dissertation: Feedback of Information and Evaluation of Own Inter-personal Performance
Field of Specialization: Psychology

- Joel Hans Magisos.....Pullman, Wash.
B.S. (Agr.), M.S. (Agr.Ed.) (State College of Washington)
Dissertation: An Analysis of Factors Associated with Perception of Role by State Supervisors of Vocational Education
Field of Specialization: Agricultural Education
- Prem Dutt Malik.....Ghaziabad, U.P., India
B.V.Sc. (Punjab University); M.Sc.
Dissertation: Some Immunological and Other Studies in Mice on Infection with Embryonated Eggs of *Toxocara canis* (Werner, 1782)
Field of Specialization: Veterinary Parasitology
- Cedomir Damianovic Marangunić.....Santiago, Chile
Dissertation: Effects of a Landslide on Sherman Glacier, Alaska
Field of Specialization: Geology
- Donald Ray Martin, II.....Euclid
B.A. (Otterbein College); M.S. (T.V.Rad.) (Syracuse University)
Dissertation: A Study of Definitions and Attitudes Toward a Small College Non-Commercial Educational FM Radio Station
Field of Specialization: Speech
- Fred Marion Martinelli.....Ashland
B.A. (Otterbein College); M.A.
Dissertation: A Brief History of Subsidization and a Follow-up Study Comparing Grant-in-Aid and Non-Grant-in-Aid Athletes at The Ohio State University 1957-1962
Field of Specialization: Physical Education
- Zulma Nelly Martinez.....Cordoba, Argentina
M.A.
Dissertation: El Tema de la Venganza en la Ficción de Jorge Luis Borges
Field of Specialization: Romance Languages
- Peter Raleigh Mattis.....Bayside, N. Y.
B.A. (Queens College, New York); M.A.
Dissertation: The Learning to Learn Phenomena as a Criterion for Testing the Effects of Desensitization with a 'Self' Set and 'Other' Set
Field of Specialization: Psychology
- Paul Edward McGhee.....Mt. Clemens, Mich.
B.A. (Oakland University); M.A. (Bucknell University)
Dissertation: Cognitive Development and Children's Comprehension of Humor
Field of Specialization: Psychology
- Kenneth Norwood McKelvey.....Raleigh, N. C.
B.S. in Ch.E. (University of North Carolina); M.Sc.
Dissertation: Turbulent Mixing with Chemical Reaction
Field of Specialization: Chemical Engineering
- Garry Donald McKenzie.....Sarnia, Ont., Canada
B.Sc. (Hons.), M.Sc. (University of Western Ontario)
Dissertation: Glacial History of Adams Inlet, Southeastern Alaska
Field of Specialization: Geology

- Wilma Koenig Meckstroth.....Lancaster
 B.Sc. in Edu.
Dissertation: The Nonideality of Liquid and Solid Ortho-Para Deuterium Solutions from Vapor Pressure Measurements
Field of Specialization: Chemistry
- Richard John Medve.....Slippery Rock, Pa.
 B.S. in Ed. (California State College, Pennsylvania); M.A. (Kent State University)
Dissertation: Development and Morphology of the Beaded Rootlets, Mycorrhizae, and Associated Root Fan Structures of Red Maple (*Acer Rubrum* L.)
Field of Specialization: Botany
- Chandra Mohan Nath Mehrotra.....Shahjahanpur, U.P., India
 B.Sc. (Coronation College); M.Edu. (University of Gorakhpur)
Dissertation: Behavioral Cognition as Related to Interpersonal Perception and Some Personality Traits of College Students
Field of Specialization: Psychology
- Marvin Eugene Monroe.....Nevada
 B.E.E., M.Sc.
Dissertation: Measurement of the Spatial Coherence and Intensity Correlation Functions of Atmospherically Distorted Laser Waves at 0.63 and 10.6 Microns
Field of Specialization: Electrical Engineering
- Robert Earl Moran.....Baton Rouge, La.
 B.Sc. in Edu., M.A.
Dissertation: The History of Child Welfare in Louisiana, 1850 - 1960
Field of Specialization: History
- Larry Allen Nagode.....Wibaux, Mont.
 D.V.M. (Colorado State University); M.Sc.
Dissertation: Studies on Alkaline Phosphatases of Canine Tissues and Serum
Field of Specialization: Veterinary Pathology
- Floyd Roger Nave.....Springfield
 A.B. (Augustana College); M.S. (State University of Iowa)
Dissertation: Pleistocene Mollusca of Southwestern Ohio and Southeastern Indiana
Field of Specialization: Geology
- Bernard Frank Niehm.....Sandusky
 B.Sc. in Edu., M.A.
Dissertation: A Study of Counseling, Personal Adjustment and Parent Education Services in Ohio Workshops for the Mentally Retarded
Field of Specialization: Education
- Jack LeRoy Noragon.....Oberlin
 B.A. (Doane College, Nebraska); M.A.
Dissertation: Representation and Redistricting: The Political Effects of Population Equality in Congressional Districting
Field of Specialization: Political Science

- Peder Adolph Otterson.....Kent
 B.S. (University of Minnesota); M.S. (Educ.) (University of Illinois)
Dissertation: An Evaluation of the Aerospace Technology Program at Kent State University
Field of Specialization: Education
- Girish Girdhar Parekh.....Bombay, India
 B.Sc., M.Sc. (Univeristy of Bombay)
Dissertation: The Reaction of Vinyl Ethers with Carbohydrates
Field of Specialization: Chemistry
- Alfred Leroy Parker.....Albuquerque, N. M.
 B.S., M.S. (Oklahoma State University of Agriculture and Applied Sciences)
Dissertation: A Sectoral Analysis of the Determinants of Cyclical and Secular Changes in the Velocity of Money
Field of Specialization: Economics
- Donald Beshers Parker.....Columbus
 B.S. in Ed., M.A. (Southern Illinois University)
Dissertation: Wreath Products and Properties of Groups
Field of Specialization: Mathematics
- Bruce Earl Partner.....Mansfield
 B.A. (Ball State Teachers College); M.A. (Bowling Green State University)
Dissertation: A Comparison of Achievement of Main and Branch Campus Mathematics Students
Field of Specialization: Education
- Thomas Joseph Pavliscak.....Columbus
 B.S. in M.E., M.S. (Mech. E.) (Wayne State University)
Dissertation: An Investigation of the Fretting-Fatigue Properties of Metallic Joints
Field of Specialization: Mechanical Engineering
- Engelbert Pechhold.....Columbus
Dissertation: Studies of the Behavior and Generation of Carbanions
 Part I. Inversion of Secondary Cyclic Grignard Reagents
 Part II. Fragmentation of Azoformate Salts and Acylazo Compounds with Bases
Field of Specialization: Chemistry
- Clyde Eugene Plant.....Sylvania
 B.Sc. in Edu., M.Edu.
Dissertation: Program Changes in Selected Ohio Reorganized School Districts
Field of Specialization: Education
- Raymond Bigelow Pond.....Warren
 B.A. (Ohio Wesleyan University); M.Sc.
Dissertation: Doppler Effect Measurements in Polyethylene Softened Reactor Spectra
Field of Specialization: Physics
- Patricia McGivern Profant.....Columbus
 B.A. (University of Southern California); M.A.
Dissertation: Sex Differences and Sex Role Stereotypes as Related to Professional Career Goals
Field of Specialization: Psychology

- Robert Richard Reeber.....La Grangeville, N. Y.
 B.Met.E., M.S. (New York University)
Dissertation: Low Temperature Thermal Expansion of Wurtzite-Phases
 of IIB-VIB Compounds
Field of Specialization: Mineralogy
- Richard Dean Robins.....Manchester, Ind.
 B.A. (Manchester College); M.Sc.
Dissertation: Oxidative Cleavage of Cyclopropanes with Mercuric Ace-
 tate
Field of Specialization: Chemistry
- Charles Andrew Rodgers.....Cridersville
 B.Sc. in Edu., M.A.
Dissertation: The History of The Hartman Theatre 1938 - 1963
Field of Specialization: Theatre
- Arthur James Rosser.....Columbus
 B.S. (Wilmington College); M.A. (Kent State University)
Dissertation: An Exploratory Study of Using a Computer in Curricu-
 lum Development
Field of Specialization: Education
- Lawrence Albert Ruff.....Dayton
 B.S. in Ed. (University of Dayton); M.A. (Catholic University of
 America)
Dissertation: The True Line of Beauty: Style in *Tristram Shandy*
Field of Specialization: English
- Gerald Neil Sandy.....Euclid
 B.A., M.A.
Dissertation: Comparative Study of Apuleius' *Metamorphoses* and
 Other Prose Fiction of Antiquity
Field of Specialization: Classics
- Richard Joseph Seidehamel.....Novelty
 B.S.Pharm. (University of Toledo); M.Sc.
Dissertation: An Analysis of Ephedrine Mydriasis in Relationship to
 Iris Pigmentation in the Guinea-Pig Eye *In Vitro*
Field of Specialization: Pharmacy
- Peter Finch Seligmann.....Whitehall, N. Y.
 B.S. (Union College)
Dissertation: The Heat of Mixing at O°K for Dilute Solutions of He³
 in He⁴
Field of Specialization: Physics
- Charles Edward Semler, Jr.....Centerville
 A.B., M.S. (Miami University)
Dissertation: Studies in the Ternary System Barium Oxide - Corun-
 dum - Silica: The System Celsian - Silica - Corundum
Field of Specialization: Mineralogy
- Mary Jo McClain Seyler.....Worthington
 B.A. (Texas Technological College); M.A.
Dissertation: Physical Therapy: A Study in Professional Orientations
Field of Specialization: Sociology

- David Winston Sheppard.....Columbus
A.B. (Gordon College); B.D. (Andover-Newton Theological Seminary);
M.A. (Brown University)
Dissertation: A Nuclear Magnetic Resonance Study of Beryllium Basic
Acetate Single Crystals
Field of Specialization: Physics
- Shyam Narayan Shukla.....Bilaspur, India
B.E. (University of Jabalpur); M.S. (University of New Brunswick)
Dissertation: Lateral Buckling of Fixed Parabolic Arches with Tilting
Loads
Field of Specialization: Civil Engineering
- Grayce McVeigh Sills.....Columbus
B.S. in Nursing (University of Dayton); M.A.
Dissertation: Organization of Health Care for the Mentally Ill
Field of Specialization: Sociology
- Clay Van Sink.....Winston-Salem, N. C.
B.S. (Pfeiffer College); M.S. (Bus.Ed.) (University of Tennessee)
Dissertation: The Effect of Bookkeeping on Achievement in Three
Types of First-Term Accounting Courses
Field of Specialization: Education
- John William Snyder.....Hagerstown, Md.
B.Sc. in Phys., M.Sc.
Dissertation: Studies of Hydrogen Plasmas Heated by Ion Cyclotron
Resonance
Field of Specialization: Physics
- Duane Larry Stucky.....Bloomville
B.M.E., M.Sc.
Dissertation: The Effect of the Exit Velocity Profile on the Aerody-
namic Noise Generation in a Submerged Turbulent Subsonic Jet
Field of Specialization: Mechanical Engineering
- Dennis Earl Tallman.....Bellefontaine
B.Sc.
Dissertation: The Effect of Divalent Metal Ions on Pyruvate Dimeriza-
tion: An Equilibrium and Kinetics Study
Field of Specialization: Chemistry
- Peter Ernest Tobia.....Hackensack, N. J.
B.S.(Ed.), M.S. (Ed.) (New Jersey State Teachers College)
Dissertation: A Comparative Study of the Educational Systems of the
Five Central American Countries
Field of Specialization: Education
- Richard Edgerly Van Doeren.....Winston-Salem, N. C.
Geophys. Engr. (Colorado School of Mines); M.Sc.
Dissertation: Application of an Integral Equation Method to Scatter-
ing by Dielectric Cylindrical Shells Having Finite Length
Field of Specialization: Electrical Engineering
- Nestor Casubha Vera Cruz.....Manila, Philippines
B.S. in Agriculture (University of the Philippines); Master of Agri-
cultural Science (University of Queensland); M.S. (Dairy Science)
(University of Illinois)
Dissertation: The Effects of Androgenic, Estrogenic and Gonado-
trophic Hormones *In Vitro* on the Metabolic Activity of Normal and
Cryptorchid Rat Testicular Tissue
Field of Specialization: Dairy Science

- Louise Bertha Caroline Vetter.....Calamus, Ia.
 B.S.H.Ec.Ed., M.S. (Iowa State University)
Dissertation: A Factor Analytic Study of the Attitudes Toward Work
 of High School Senior Girls
Field of Specialization: Psychology
- Billy Bruce Wagener.....Indianapolis, Ind.
 B.A. (Muskum College); M.A.
Dissertation: An Experimental Examination of Continuance and Con-
 text Effect as a Result of the Use of a "Contradictor" in a Persuasive
 Communication Series
Field of Specialization: Speech
- Larry George Warner.....Pontiac, Mich.
 B.A. (Michigan State University)
Dissertation: The Stereochemistry of Nickel(II) and Cobalt(II) Com-
 plexes Which Contain Cyclic Tetradentate Ligands
Field of Specialization: Chemistry
- Betty Jane Wenz.....Phoenix, Ariz.
 B.S., M.Edu. (University of Illinois)
Dissertation: Impression Formation and Cognitive Structure
Field of Specialization: Psychology
- Thomas Robert White.....Columbus
 B.Sc. in Bus.Adm., B.Sc. in Edu., M.A.
Dissertation: A Study of the Values and Attitudes of Distributive
 Education Teacher-Coordination as Compared to Two Groups of Po-
 tential Teacher-Coordination
Field of Specialization: Education
- Yoash Wiener.....Rehovot, Israel
 B.A. (Hebrew University); M.S. (Ohio University)
Dissertation: The Effects of "Task" and "Ego" Oriented Performance
 on Two Kinds of Overcompensation Inequity
Field of Specialization: Psychology
- James Edward Williamson.....Columbus
 A.B. (Cornell University); M.Sc.
Dissertation: The Correlation of Physical Properties by Means of the
 Rotated Catenary Equation
Field of Specialization: Chemical Engineering
- James John Wong.....Cleveland
 B.S.Che.E. (Ohio University); M.B.A. (Case Western Reserve Uni-
 versity)
Dissertation: An Analysis of Retail Credit Systems—Their Relation-
 ships, Importance, and Implications for the Small Retailer
Field of Specialization: Business Organization
- Yu-Lin Wu.....Nantou Chen, Taiwan, China
 B.S. (National Taiwan University); M.S. (Brigham Young Univer-
 sity)
Dissertation: Cobalt(III) Promotion of Peptide Formation and the
 Hydrolysis of Chelated Peptides and Glycine Esters
Field of Specialization: Chemistry

Paul Yokley, Jr.....Florence, Ala.
 B.S., A.M. (George Peabody College for Teachers)
Dissertation: A Study of the Anatomy of the Naiad *Pleurobema Cordatum* (Rafinesque, 1820) (Mollusca: Bivalvia: Unionoida)
Field of Specialization: Zoology and Entomology

Darius Robert Young.....Twin Falls, Ida.
 B.S., M. in Ed. (Colorado State University)
Dissertation: The Development of a Construction Industry Interest Inventory
Field of Specialization: Education

Kermit Charles Zieg, Jr.....Culver, Ind.
 B.S. (Indiana University); M.A.
Dissertation: A Study of Common Stock Options from the Standpoint of the Returns Accruing to the Buying and Selling Sides
Field of Specialization: Business Organization

George Klemm Zulantz.....Columbus
 B.A., M.A.
Dissertation: Shakespeare's *Troilus and Cressida* in Relation to English Drama of 1597 to 1604
Field of Specialization: English

Paul Zweier.....Columbus
 A.B. (Brooklyn College); M.S. (Stevens Institute of Technology); M.B.A. (Northeastern University)
Dissertation: Performance of a Vertically Integrated Manufacturer Under Indirect Regulation
Field of Specialization: Business Organization

Master of Accounting (Three candidates)

Dennis Delbert Bensinger.....Youngstown
 B.S. in B.A. (Youngstown University)
Field of Specialization: Accounting

David Delbert Sidaway.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Accounting

Timothy John Stueve.....Dayton
 B.S. in Bus. Adm. (University of Dayton)
Field of Specialization: Accounting

Master of Architecture (One candidate)

Alfred Edwin Berthold.....Chevy Chase, Md.
 B. of Arch. (Texas Technological College)
Field of Specialization: Architecture

Master of Arts (One hundred and eight candidates)

Pouneh Moghadam Alcott.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education

Jon George Amstutz.....Dalton
 B.A. (University of Chicago); M.A.
Field of Specialization: Journalism

- Joseph Lewis Anderson.....Athens
A.B. (Antioch College)
Field of Specialization: Education
- William Samuel Arnett.....Morgantown, W. Va.
B.A. (West Virginia University)
Field of Specialization: History
- James Samuel Ault.....Columbus
B.A. (Wheeling College)
Field of Specialization: Slavic Languages
- Sister Theresa Gabriel Bamberger.....Columbus
B.S.Ed. (Nazareth College, Nazareth, Kentucky)
Field of Specialization: Political Science
- James Jackson Barnette.....Troy
B.Sc. in Edu.
Field of Specialization: Education
- Elizabeth Gertrude Becker.....Columbus
A.B. (Wartburg College)
Field of Specialization: Education
- Margaret Berlin Blackman.....Indianapolis, Ind.
A.B. (Miami University)
Field of Specialization: Anthropology
- Charles Michael Bond.....Akron
A.B. (University of Akron)
Field of Specialization: Philosophy
- David James Bond.....Binghamton, N. Y.
B.A. (Saint Lawrence University)
Field of Specialization: Speech
- Elemer Anthony Briss.....Columbus
A.B. (Berea College)
Field of Specialization: Linguistics
- Herbert Walter Broda.....Wooster
B.A.
Field of Specialization: Economics
- Floyd Oscar Brown.....Wheelersburg
B.Sc.
Field of Specialization: Psychology
- Glenna Nance Brown.....Circleville
B.S. (Mus.Ed.) (Olivet Nazarene College)
Field of Specialization: Music
- Scott Andrew Buchan.....Kenosha, Wis.
A.B. (Harvard College); M.A. (Southern Illinois University)
Field of Specialization: Slavic Languages
- Alfred Louis Camp.....Worthington
A.B. (Pontifical College Josephinum); B.Sc. in Edu., M.A.
Field of Specialization: Education
- John Michael Bernard Carroll.....Woodside, N. Y.
B.A. (Fordham University)
Field of Specialization: Slavic Languages

- Arnold Roy Collen.....Walnut Creek, Calif.
B.A. (San Francisco State College)
Field of Specialization: Psychology
- Beverly Ann Cottrill.....Point Pleasant, W. Va.
A.B. (Ohio University)
Field of Specialization: Romance Languages
- Kenneth Morton Davis.....University Heights
B.S., M.A. (Case Western Reserve University); M.F.A. (University of Cincinnati)
Field of Specialization: Art
- Dale Joseph DeBrosse.....Englewood
A.B. (University of Dayton)
Field of Specialization: Classics
- Jeffrey Lynn Drake.....Columbus
B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)
- Barbara Allyn Epstein.....Dobbs Ferry, N. Y.
B.S. (Pennsylvania State University)
Field of Specialization: Speech
- Beverly Springer Fatig.....Columbus
B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Inez Luinstra Fergason.....Gahanna
B.Sc. in Edu.
Field of Specialization: Education
- Janet Elizabeth Frantz.....Anthony, Kan.
B.S. in Educ. (Kansas State Teachers College)
Field of Specialization: Political Science
- Austin Frederick.....Berelair, Tex.
B.S. (Agr.) (Prairie View Agricultural and Mechanical College of Texas)
Field of Specialization: Business Organization
- Dolores Alma Frey.....Columbus
A.B. (Mary Manse College)
Field of Specialization: Education
- Ariane Lucia Furst.....Santiago, Chile
B.A. (University of the Pacific)
Field of Specialization: Romance Languages
- Joyce Heitger Geary.....Worthington
B.S. (Edu.) (Concordia Teachers College)
Field of Specialization: Education
- Nancy Allen Grieselhuber.....Cincinnati
B.S. Ed. (University of Cincinnati)
Field of Specialization: Speech

- Max Eugene Griffith.....Galena
 B.A. (Ohio Wesleyan University)
Field of Specialization: Theatre
- Judith Wagner Groom.....Columbus
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Coralene Antoinette Haas.....San Jose, Calif.
 B.A. (University of Santa Clara)
Field of Specialization: Psychology
- Lorna Hyott Haines.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Fred Whitney Harrington.....Dublin
 B.A. (Eastern Nazarene College)
Field of Specialization: Education
- Janet Craig Heddeshimer.....Columbus
 B.A. (Coe College)
Field of Specialization: Education
- Larry Edward Heinzerling.....London, England
 B.A. (Ohio Wesleyan University)
Field of Specialization: Journalism
- Jeanne Rees Hilson.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Sue Ann Hippard.....Orange, Conn.
 A.B. (Marietta College)
Field of Specialization: History
- Margaret Magner Holter.....Granville
 B.A. (Seton Hill College)
Field of Specialization: Journalism
- Michael Stewart Houser.....Piqua
 B.A. Music Ed. (Capital University)
Field of Specialization: Music
- Jay Norwood Howard, II.....Thomasville, N. C.
 B.M. (University of North Carolina)
Field of Specialization: Music
- David Aric Johnson.....Johnstown
 B.Sc.
Field of Specialization: Psychology
- Stan Craig Johnson.....Superior, Wis.
 B.S. (Wisconsin State University)
Field of Specialization: Speech

- Theresa Irene Jones.....Mansfield
 A.B. (Ashland College)
Field of Specialization: Education
- Michael Lee Kabler.....Ripley
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Allen Kapp.....Brecksville
 B.A.
Field of Specialization: Psychology
- Xat Kichtham.....Bangkok, Thailand
 B.P.S. (Thammasat University)
Field of Specialization: Political Science
- Audrey Smith Krantz.....Columbus
 B.A. (Greenville College)
Field of Specialization: Education
- Rosemary Kraynak.....Westlake
 B.S. (Ohio Dominican College)
Field of Specialization: Psychology
- Marilyn Forestal Kurtz.....Columbus
 B.A. (Purdue University)
Field of Specialization: Education
- John Stephen Larkin.....Benton Harbor, Mich.
 A.B. (Hope College)
Field of Specialization: Political Science
- Susan Anita Leib.....Akron
 A.B. (University of Akron)
Field of Specialization: Psychology
- Jerre Lewis Lender, Jr.....Dayton
 B.Sc.
Field of Specialization: Psychology
- Robert Evans Love.....Grosse Pointe, Mich.
 A.B. (Oberlin College)
Field of Specialization: Psychology
- Gerald Denver Lowry, Jr.....Columbus
 B.Sc. in Edu.
Field of Specialization: Political Science
- Susan Jane Loy.....Altoona, Pa.
 B.S. in Edu. (Indiana State University, Pennsylvania)
Field of Specialization: Romance Languages
- Donald Steven Mark.....Kent
 B.A.
Field of Specialization: English
- David Lee Matson.....Xenia
 A.B. (Cedarville College)
Field of Specialization: Music
- Joseph Lee McCullough.....Yeadon, Pa.
 B.A. (Villanova University)
Field of Specialization: Psychology

- Paul Kerry McDowell.....Columbus
 B.Sc. in Edu.
Field of Specialization: Art
- Creighton John Miller.....Columbus
 B.A. (Rockford College)
Field of Specialization: Theatre
- Randall Martin Miller.....Chicago, Ill.
 A.B. (Hope College)
Field of Specialization: History
- Myrna Neuman Mumm.....Columbus
 B.Sc. in Edu.
Field of Specialization: Speech
- Dianne Hansen Nichols.....Columbus
 B.M.E. (Wheaton College)
Field of Specialization: Music
- Isao Nishihira.....Naha, Okinawa
 B.A. (Okinawa University)
Field of Specialization: Education
- Dixie Sage Oneacre.....Findlay
 A.B. (Miami University)
Field of Specialization: Romance Languages
- Nathan Edward Ory.....Coral Gables, Fla.
 B.A. (Georgia State College, Atlanta)
Field of Specialization: Psychology
- Young Soo Pak.....Taegu, Korea
 B.A., M.A. (Kyungpook National University)
Field of Specialization: English
- MaryLee Corder Peck.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Judith Austin Peterson.....Hollywood, Calif.
 B.A. (University of Southern California)
Field of Specialization: Psychology
- Bernice Peterson Petrich.....Marion
 B.A. (Carleton College)
Field of Specialization: Education
- Roy Leonard Prange, Jr.....Warren, Ill.
 B.A. (University of Iowa)
Field of Specialization: Philosophy
- Engel Hendricus Prins.....Columbus
 B.A. (University of Minnesota)
Field of Specialization: Political Science
- Jeanne Marie Radecki.....Toledo
 B.Educ. (University of Toledo)
Field of Specialization: Education
- Karen Ann Rainsberg.....Columbus
 B.A., B.Sc. in Edu.
Field of Specialization: History

- Michael Joseph Keady.....Stockport, England
B.A. (University of Manchester)
Field of Specialization: Psychology
- James Ralph Ricci.....Steubenville
B.S.J. (Ohio University)
Field of Specialization: Journalism
- Linda Carter Riley.....Worthington
B.Sc. in H.E.
Field of Specialization: Education
- Sister Marilyn Schmit.....Milwaukee, Wis.
B.A. (Alverno College)
Field of Specialization: Sociology
- Carolyn Rose Schurr.....Eustis, Neb.
B.A. in Ed. (Kearney State College)
Field of Specialization: Education
- Shirley Vogt Sedor.....Galena
B.S. (Nazareth College, Rochester, New York)
Field of Specialization: Psychology
- George Eaton Seyfarth.....Worthington
B.S.Indus.Mgt. (University of Akron)
Field of Specialization: Education
- Wanda J. Short.....Delta
B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Charles David Sinclair.....Wellston
B.S. in Elem.Ed. (Rio Grande College)
Field of Specialization: Education
- Edward William Smith.....Piqua
B.Sc. in Edu.
Field of Specialization: Education
- John Wayne Sonedecker.....New Springfield
B.Sc. in Edu.
Field of Specialization: Education
- Carl Richard Stelling.....Columbus
B.A.
Field of Specialization: Journalism
- Richard Eugene Stober.....Shelby
B.A.
Field of Specialization: Journalism
- Harold Jay Swart.....Berea
B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Charles Carl Szabo, Jr.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Gerald Patrick Trambly.....Erie, Pa.
B.A. (Gannon College)
Field of Specialization: Classics

- John Thornton Underwood, Jr.....Roslyn Heights, N. Y.
B.A. (Lehigh Univeristy)
Field of Specialization: Classics
- Marie Ann VanStraaten.....Parma Heights
A.B. (Oberlin College)
Field of Specialization: History
- Karen Crites Virden.....Tallmadge
B.Sc. in Edu.
Field of Specialization: Education
- Margo Jean Voltz.....Canton
B.A. (Malone College)
Field of Specialization: Theatre
- Gary Marvin Waller.....Akron
B.S. (University of Akron)
Field of Specialization: Education
- Robert Sterrett Weals.....Columbus
A.B. (Mount Union College)
Field of Specialization: Education
- Bernard Eugene Weiss.....Worthington
B.S. in Edu. (Wittenberg University)
Field of Specialization: Physical Education
- Charles Howard Wheaton.....Havertown, Pa.
A.B. (Oberlin College)
Field of Specialization: Psychology
- Paul Carlton Whitacre, Jr.....Morrow
B.Sc. in Edu.
Field of Specialization: History
- William Frank Wilde.....Canton
B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)
- Darnell Williams.....Banning, Calif.
B.S. (Bishop College)
Field of Specialization: Romance Languages
- Marsha Lyn Wolowic.....Columbus
B.A.
Field of Specialization: Journalism
- Ann Burkhardt Yoshimura.....Columbus
B.A. (Purdue University)
Field of Specialization: Romance Languages
- Stanley David Zell.....Cleveland
B.Sc. in Edu.
Field of Specialization: History

Master of Business Administration

(Thirty-one candidates)

- Anatol Ahijevych.....Sugar Creek
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization

- Richard James Ballard.....North Canton
B.B.A. (George Washington University)
Field of Specialization: Business Organization
- William Donald Bradford.....Garfield Heights
B.A. (Howard University)
Field of Specialization: Business Organization
- David Howard Brunswick.....South Euclid
B.I.E.
Field of Specialization: Business Organization
- David Lee Clark.....Shelby
B.I.E.
Field of Specialization: Business Organization
- William Sims Curry.....Columbus
B.S. (Business) (Florida State University)
Field of Specialization: Business Organization
- John Louis Dieterich.....Watsonville, Calif.
B.S., B. of Laws (University of California, Berkeley)
Field of Specialization: Business Organization
- George Thomas Ebenhack.....Pittsburgh, Pa.
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Mark Allan Friedman.....Pittsburgh, Pa.
B.Sc.
Field of Specialization: Business Organization
- Carl William Gerhard.....Columbus
B.I.E.
Field of Specialization: Business Organization
- Richard Harold Hoffman.....Columbus
B.S. in Bus.Adm. (Bowling Green State University)
Field of Specialization: Business Organization
- Dale Phillip Hugo.....Columbus
B.S. in Bus. (Miami University)
Field of Specialization: Business Organization
- John William Irwin.....Chillicothe
B.S.C. (Ohio University)
Field of Specialization: Business Organization
- William Gerald Kelly.....Cleveland
B.I.E.
Field of Specialization: Business Organization
- Stephen Edwin Lance.....Fostoria
B.C.E.
Field of Specialization: Business Organization
- Robert Allan Lauer.....Poland
B.I.E.
Field of Specialization: Business Organization

- James Michael Miller.....Pataskala
B.S. (University of Wisconsin)
Field of Specialization: Business Organization
- Donald LaMarr Ockerman.....Dayton
B.S.E.E. (University of Kentucky); M.S.E.E. (Air Force Institute of Technology)
Field of Specialization: Business Organization
- Richard James Ormsby.....San Francisco, Calif.
B.S. in Bus. (Indiana University)
Field of Specialization: Business Organization
- Thad Roger Perry.....Columbus
B.I.E.
Field of Specialization: Business Organization
- John Ernest Polivka.....West Hempstead, N. Y.
B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Richard Edwin Remke.....Cincinnati
B.S.I.M. (University of Cincinnati)
Field of Specialization: Business Organization
- Richard Joslin Seiwel.....Salisbury, N. C.
A.B. (Catawba College)
Field of Specialization: Business Organization
- Arthur Michael Shack.....University Heights
B.A.
Field of Specialization: Business Organization
- John Ervin Sigler.....Oxford
A.B. (Miami University)
Field of Specialization: Business Organization
- William Paul Smithing.....Cincinnati
B.S. (University of Illinois)
Field of Specialization: Business Organization
- Richard Abbott Westerman.....Columbus
B.I.E.
Field of Specialization: Business Organization
- Gary Eugene Willman.....Springfield
B.S.B.A. (Capital University)
Field of Specialization: Business Organization
- John Robert Windeler.....Columbus
B.A.
Field of Specialization: Business Organization
- Donald Jack Wood.....Austin, Tex.
B.A. (Ouachita Baptist College)
Field of Specialization: Business Organization
- Frank William Zalar.....Cleveland
B.S.B.A. (John Carroll University)
Field of Specialization: Business Organization

- Master of City Planning** *(Three candidates)*
- Roy Emery Baranyay.....Linden, N. J.
 B.S. (Rhode Island School of Design)
Field of Specialization: City Planning
- David Ogden Richardson.....Worcester, Mass.
 A.B. (Emory University, Atlanta, Georgia)
Field of Specialization: City Planning
- Bernhard Georg Stamm.....Schaffhausen, Switzerland
Field of Specialization: City Planning
- Master of Music** *(One candidate)*
- May Brown Schwarz.....Sandusky
 B.M. (Oberlin College)
Field of Specialization: Music
- Master of Science** *(One hundred and thirty-eight candidates)*
- Kenneth John Acuff.....Tallmadge
 B.Sc.
Field of Specialization: Biochemistry
- Marilyn Violet Adderley.....Pembroke West, Bermuda
 B.S. in Nursing (McGill University, Canada)
Field of Specialization: Nursing
- Turman Earl Allen, Jr.....Meridian, Miss.
 B.S. in Med.Tech. (University of Alabama)
Field of Specialization: Pathology
- Luis Alberto Ambulo.....Panama City, Panama
 Ing. (University of Panama)
Field of Specialization: Civil Engineering
- Adil Yousif Atto.....Baghdad, Iraq
 B.D.S. (University of Baghdad)
Field of Specialization: Dentistry
- Richard Allen Baldesberger.....Pittsburgh, Pa.
 B.S. in Pharm. (Duquesne University)
Field of Specialization: Pharmacy
- Everett Lynn Balk.....Columbus
 B.S. in C.E. (University of Missouri)
Field of Specialization: Civil Engineering
- Frederick Koonce Bell.....Rochester, N. Y.
 B.S.M.E. (Ohio University)
Field of Specialization: Engineering Mechanics
- Diana Jane Blackburn.....Cincinnati
 A.B. (Capital University)
Field of Specialization: Nursing
- Telford Roy Bogle.....West Lafayette
 B.S. (Pennsylvania State University)
Field of Specialization: Agricultural Education

- Jeffry Stephen Bowman.....Ironton
 B.Sc.
Field of Specialization: Physiology
- Mary Ann Jenkins Brackey.....Sciotoville
 B.S. (Bob Jones University)
Field of Specialization: Home Economics
- *Joseph Nathan Brewster.....Swanton
Field of Specialization: Civil Engineering
- Mark Vincent Brown.....Bucyrus
 B.S. (Heidelberg College)
Field of Specialization: Mathematics
- Michael Andrew Brunsvold.....Mason City, Ia.
 D.D.S. (State University of Iowa)
Field of Specialization: Dentistry
- Charles Harrison Cameron.....London
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- *Don Warren Caudy.....Sunbury
Field of Specialization: Mechanical Engineering
- Michael Charles.....Fairborn
 B.S. (United States Air Force Academy)
Field of Specialization: Aeronautical and Astronautical Engineering
- Mary Ann Cox.....Youngstown
 B.S. (Youngstown University)
Field of Specialization: Mathematics
- Rachel Ann Cox.....Columbus
 A.B. (Milligan College) ; B.Sc. in Edu.
Field of Specialization: Botany
- Harry George Curtis.....Cortez, Colo.
 B.S. (University of Wisconsin)
Field of Specialization: Pathology
- Gene Paul Decker.....Eau Claire, Wis.
 B.S. (Wisconsin State University, Eau Claire)
Field of Specialization: Microbiology
- Evelyn Mae DeWalt.....Massillon
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Mark Nathaniel Director.....Elmont, N. Y.
 B.S.A.E. (Purdue University)
Field of Specialization: Aeronautical and Astronautical Engineering
- Philip Edward Doepker.....Ottawa
 B.M.E. (University of Dayton)
Field of Specialization: Mechanical Engineering
- Dorothy King Dygos.....Cincinnati
 B.S. (Bucknell University)
Field of Specialization: Chemistry

* Also Bachelor of Civil Engineering, College of Engineering

* Also Bachelor of Mechanical Engineering, College of Engineering

- Richard Alan Egen.....Dalton, Pa.
B.S. in E.P. (Lehigh University)
Field of Specialization: Mechanical Engineering
- Wade Ellis, Jr.....Oberlin
A.B. (Oberlin College)
Field of Specialization: Mathematics
- *Fred Ervin Fischer.....Jefferson
Field of Specialization: Civil Engineering
- Helen Maureen Fitzgerald.....North Creek, N. Y.
B.S. (Boston College)
Field of Specialization: Nursing
- Catherine Ann Foreman.....Morgan Hill, Calif.
B.A. (Raymond College)
Field of Specialization: Mathematics
- Danny Gene Fox.....Convoy
B.Sc. in Agr.
Field of Specialization: Animal Science
- John William Galich, Jr.....Youngstown
B.S. (Youngstown University)
Field of Specialization: Physiology
- Neil Kenneth Goldwein.....Franklin Square, N. Y.
B.S. in Engr. (Pratt Institute)
Field of Specialization: Chemical Engineering
- Marie-Christine Guenther.....Columbus
A.B. (Mount Holyoke College)
Field of Specialization: Chemistry
- Sister M. Ann Kathleen Haines.....Miami, Fla.
B.S.Nurs. (University of Dayton)
Field of Specialization: Nursing
- Edward Martin Halko.....Parma Heights
B.Chem.E. (University of Detroit)
Field of Specialization: Chemical Engineering
- Sister Mary Vitalia Harbeck.....Mobile, Ala.
A.B. (Mount Saint Agnes College, Maryland)
Field of Specialization: Mathematics
- Harold Jonathan Harlan.....Lyndon
B.Sc. in Agr.
Field of Specialization: Entomology
- Sister Francis Marie Hartman.....Fort Wayne, Ind.
B.S.Nurs. (University of Dayton)
Field of Specialization: Nursing
- *Dale Lee Hartsock.....Waynesville
Field of Specialization: Mechanical Engineering
- Richard Frank Havlice.....Parma
B.Chem.E. (University of Detroit)
Field of Specialization: Chemical Engineering

* Also Bachelor of Civil Engineering, College of Engineering
* Also Bachelor of Mechanical Engineering, College of Engineering

- Karen DuBois Heusel.....Bethesda
B.Sc. in Nurs.
Field of Specialization: Nursing
- Louella Didget Hill.....Albion, N. Y.
B.S. in Educ. (State University Teachers College, Oneonta, New York)
Field of Specialization: Home Economics
- William George Hoerger.....Millersburg
B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Archer Clarence Holcomb.....Canton
B.A. (College of Wooster)
Field of Specialization: Physiology
- Arthur Newton Horr, III.....Portsmouth
B.M.E.
Field of Specialization: Mechanical Engineering
- George Wayne Hothem.....Newcomerstown
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Joan Sill Huey.....Lexington, Ky.
A.B. (Wittenberg University)
Field of Specialization: Botany
- Allen Martin Hunter, II.....Topeka, Kan.
B.S. (United States Air Force Academy)
Field of Specialization: Physics
- Lois Jean Inskeep.....Covington, Ky.
B.S. in Nursing (University of Cincinnati)
Field of Specialization: Nursing
- Thomas Gerald Johns.....Youngstown
B.E. (Youngstown University)
Field of Specialization: Engineering Mechanics
- Christopher Crawford Jones.....North Bridgton, Me.
B.A. (Northwestern University)
Field of Specialization: Physics
- Sister Mary Kevin Jones.....Columbus
B.S. (Saint Mary's College, Notre Dame, Indiana)
Field of Specialization: Nursing
- Phillip Raymond Jones.....Waverly
B.Sc.
Field of Specialization: Mathematics
- Sarah Murray Junk.....Mt. Sterling
B.S. in Nursing (Case Western Reserve University)
Field of Specialization: Nursing
- Donald Albert Kadunc.....Euclid
B.M.E.
Field of Specialization: Industrial Engineering

- Edgar Martins Kauffmann**.....Sao Paulo, Brazil
 Eng.Civil (Universidade Mackenzie)
Field of Specialization: Civil Engineering
- Kathleen Liptak Keller**.....Independence
 B.S. (Notre Dame College, Ohio)
Field of Specialization: Chemistry
- Kathryn Finney Kern**.....Olmsted Falls
 B.Sc.
Field of Specialization: Microbiology
- Ella Massaro Kick**.....Wooster
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Sangsin Kim**.....Seoul, Korea
 M.D. (Catholic Medical College, Seoul, Korea)
Field of Specialization: Pathology
- Sue Marie Kircher**.....Cincinnati
 B.S. in Nursing (University of Cincinnati)
Field of Specialization: Nursing
- William Carl Kleman**.....Ft. Jennings
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Kenneth Kermit Knapp**.....Columbus
 B.S.M.E. (West Virginia Institute of Technology)
Field of Specialization: Mechanical Engineering
- Roger Paul Kolp**.....North Canton
 A.B. (Case Western Reserve University)
Field of Specialization: Mathematics
- Chia Mohr Lau**.....Taipei, Taiwan, China
 B.S. (Taiwan Provincial Cheng Kung University)
Field of Specialization: Civil Engineering
- Willard Huston Leslie**.....Columbus
 B.Sc. in Phys.
Field of Specialization: Physics
- Margaret Williams Lewis**.....Tallahassee, Fla.
 B.S.Nursing (Florida Agricultural and Mechanical University)
Field of Specialization: Nursing
- Geoffrey Andrew Lindsay**.....Columbiana
 B.Ch.E.
Field of Specialization: Chemical Engineering
- Donna Jane Linhart**.....Natrona Heights, Pa.
 B.S.Nurs. (University of Pittsburgh)
Field of Specialization: Nursing
- William Herbert Lomax**.....Mansfield
 B.M.E.
Field of Specialization: Mechanical Engineering
- William Brock Love**.....Winnipeg, Man., Canada
 D.M.D. (University of Manitoba)
Field of Specialization: Dentistry

- David LeRoy Lull.....Wadsworth
B.Ch.E. (Cleveland State University)
Field of Specialization: Chemical Engineering
- Lucinda Trabue Magruder.....Columbus
A.B. (Western College) ; B.Sc. in Nurs.
Field of Specialization: Nursing
- Arun Vasant Mandlekar.....Bombay, India
B.Chem.Eng. (University of Bombay)
Field of Specialization: Chemical Engineering
- David Creamer Marsh.....Shadyside
B.E.E.
Field of Specialization: Electrical Engineering
- *George Edson Mason.....Cuyahoga Falls
Field of Specialization: Civil Engineering
- Joseph Sylvester Matney.....Grundy, Va.
B.S. (Virginia Polytechnic Institute)
Field of Specialization: Industrial Engineering
- Dorothy Kuhlwein McGrath.....Hilliard
B.Sc. in Nurs.
Field of Specialization: Nursing
- Robert Clive McGuire.....Cleveland
B.E.M.
Field of Specialization: Mineralogy
- Ali Nawaz Memon.....Karachi, Pakistan
B.Sc. (University of Karachi)
Field of Specialization: Chemistry
- Edna Mae Menke.....Cincinnati
B.S.N. (University of Cincinnati)
Field of Specialization: Nursing
- Robert Christopher Miller.....Columbus
B.S. (University of Nebraska)
Field of Specialization: Dairy Science
- Nelson Jay Moore.....Cincinnati
B.A. (Manchester College)
Field of Specialization: Zoology
- Douglas Victor Myers.....Conroe, Tex.
B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Terry Ann Ochsenhirt.....Akron
B.Sc. in Nurs.
Field of Specialization: Nursing
- Carolyn Jean Oiler.....Sylvania
B.Sc. in Nurs.
Field of Specialization: Nursing
- * Also Bachelor of Civil Engineering, College of Engineering

- Daniel Chris Olson.....Osseo, Wis.
B.S. (Wisconsin State University, Eau Claire)
Field of Specialization: Entomology
- Lowell Edward Parker.....Dayton
B.S. (University of Illinois) ; M.B.A.
Field of Specialization: Mechanical Engineering
- Carmen Robert Parkhurst.....Vickery
B.Sc. in Agr.
Field of Specialization: Poultry Science
- Michael Joe Phillips.....Risingsun
B.Sc. in Agr.
Field of Specialization: Agricultural Economics
- Donna Eola Pitz.....Westmont, Ill.
B.S. (Northern Illinois University)
Field of Specialization: Mathematics
- John James Polick.....Chicago, Ill.
B.A. (Northwestern University)
Field of Specialization: Physics
- Jorge Rojas Ramirez.....San Jose, Costa Rica
B.A. (Anderson College)
Field of Specialization: Zoology
- George Bruce Reed.....Memphis, Tenn.
B.S. in Civil Engr. (University of Alabama)
Field of Specialization: Geodetic Science
- Sara Eisenhooth Rich.....Wilkes Barre, Pa.
B.Sc. in Nurs.
Field of Specialization: Nursing
- William Henry Robinette, Jr.....Saint Albans, W. Va.
B.Sc. in Phys.
Field of Specialization: Physics
- Abel Canizales Rodriguez.....Chitre, Panama
Field of Specialization: Civil Engineering
- Won Byung Roh.....Seoul, Korea
B.Sc. (Seoul National University)
Field of Specialization: Electrical Engineering
- Jackie Dean Rollins.....Westerville
B.S. (Nuclear Engr.) (University of Tennessee)
Field of Specialization: Nuclear Engineering
- Michael Collins Rominger.....Indianapolis, Ind.
B.S.Ch.E. (Purdue University)
Field of Specialization: Chemical Engineering
- Brenton Fred Rooney.....San Jose, Calif.
B.S. (University of California, Berkeley)
Field of Specialization: Nuclear Engineering
- Richard Stephen Roper.....Campbell
B.E. (Youngstown University)
Field of Specialization: Electrical Engineering

- Clayton Richard Rowland.....Columbia, S. C.
B.S. (Pharmacy) (University of South Carolina)
Field of Specialization: Pharmacy
- *George Edward Ruck, Jr.....Lancaster
Field of Specialization: Mechanical Engineering
- Richard Joseph St. Andre.....Grand Rapids, Mich.
B.S. (Michigan State University)
Field of Specialization: Mathematics
- John Michael Salladay.....Portsmouth
B.Ch.E.
Field of Specialization: Chemical Engineering
- Sue Anne Sanders.....Fairfield, Ala.
B.A. (Vanderbilt University)
Field of Specialization: Computer and Information Science
- William Henry Schaper.....Worthington
B.S.E.E. (Rose Polytechnic Institute)
Field of Specialization: Electrical Engineering
- David Paul Schmader.....Canton
B.S.E.E. (University of Akron)
Field of Specialization: Electrical Engineering
- Robert Franklyn Schneider, Jr.....Rochester, N. Y.
B.S. (Cornell University)
Field of Syecialization: Animal Science
- Charles Reed Schwarz.....Washington, D. C.
B.A. (Dartmouth College)
Field of Specialization: Geodetic Science
- James William Sebert.....Dayton
B.Ch.E.
Field of Specialization: Chemical Engineering
- Ming Kang Shieh.....Taiwan, China
B.S. (National Chung Cheng University) ; M.Sc.
Field of Specialization: Engineering Mechanics
- *Ronald Jack Shore.....Jefferson
Field of Specialization: Welding Engineering
- Carol Brown Sigmund.....Germantown
B.Sc. in Nurs.
Field of Specialization: Nursing
- Barbara Jane Sikora.....Canton
B.Sc. in Nurs.
Field of Specialization: Nursing
- Paul Wesley Simmons.....Delaware
B.C.E.
Field of Specialization: Civil Engineering

* Also Bachelor of Mechanical Engineering, College of Engineering
* Also Bachelor of Welding Engineering, College of Engineering

- Virendra Kumar Singh.....Ballia, Uttar Pradesh, India
B.Sc., M.Sc. (Agra University)
Field of Specialization: Dairy Technology
- Birandra Kumar Sinha.....Gaya, Bihar, India
B.Sc. (Bihar University); M.Sc. (Patna University)
Field of Specialization: Chemistry
- Eleanor Bachofen Skelley.....Columbus
B.Sc.
Field of Specialization: Pharmacology
- *Robert Owen Slonaker.....Baltimore
Field of Specialization: Metallurgical Engineering
- William Philip Smith.....Gallipolis
B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Nimitchai Snitbhan.....Bangkok, Thailand
B.Eng. (Chulalongkorn University)
Field of Specialization: Civil Engineering
- Chung Min Song.....Seoul, Korea
B.S. (Utah State University)
Field of Specialization: Zoology
- *David Lee Starr.....Spencerville
Field of Specialization: Aeronautical and Astronautical Engineering
- Gordon Clair Tamplin.....Dayton
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Eugene Alfred Taylor.....Rockville, Md.
B.S.C.E. (University of Massachusetts)
Field of Specialization: Geodetic Science
- Edward John Trainor.....Waterloo, N. Y.
B.S.A. (University of Georgia)
Field of Specialization: Agricultural Economics
- Robert Douglas Vance.....Raymond, Alta., Canada
B.S. (Brigham Young University)
Field of Specialization: Animal Science
- Gerald Leroy Vaneman.....Beaver Falls, Pa.
B.S. in Met.Engr. (University of Pittsburgh)
Field of Specialization: Metallurgical Engineering
- Francisco M. Vera-Filho.....Rio De Janeiro, Brazil
B.S. (University of Guanabara)
Field of Specialization: Agricultural Economics and Rural Sociology
- Chin-liang Wang.....Kaohsiung, Taiwan, China
B.S. in Engr. (National Taiwan University)
Field of Specialization: Civil Engineering
- Constance Conklin Weakley.....Columbus
B.Sc. in Nurs.
Field of Specialization: Nursing

* Also Bachelor of Metallurgical Engineering, College of Engineering

* Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering

- Floyd Emerson Wicks.....Warren
 B.C.E.
Field of Specialization: Civil Engineering
- Robert Lee Williams.....Granville
 B.A. (Muskingum College) ; B.Sc.
Field of Specialization: Geology
- *Allen Paul Zimmerman.....Norwalk
Field of Specialization: Agricultural Engineering
- * Also Bachelor of Agricultural Engineering, College of Engineering

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Paul G. Craig

Acting Dean for Undergraduate Programs: Robert A. Oetjen

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts

Dean: O. Lee Rigsby

College of Biological Sciences

Acting Dean: John D. Briggs

College of Humanities

Dean: Charles L. Babcock

College of Mathematics
and Physical Sciences

Dean: Geoffrey Keller

College of Social
and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts

(One hundred and fifty-one)

Susan Lee Allison.....	Worthington
Michael Duncan Andes.....	Columbus
Thomas Franklin Andris.....	Marietta
*Julia House Ayers.....	Franklin
John Henry Babbs.....	Columbus
Robert Alan Bailey.....	Lockport, N. Y.
Jean Ann Baldwin.....	Lancaster
Jerry Mason Beauchamp.....	Independence, Mo.
Barbara Elise Belitz.....	Trotwood
Pamela Jane Bell.....	Columbus
Barbara Winsor Bigelow.....	Canton
Patricia Anne Blake.....	Cleveland
Barbara Gay Bolt.....	Westerville
Dorothy Boyd.....	Uniontown, Pa.
Karl Frederic Braun.....	Willoughby
Mitchell Craig Breece.....	Sidney
Richard McKenna Brooks.....	Columbus
Beverly Ruth Brown.....	Columbus
Ronald Kenneth Burleigh.....	North Canton
Linda Lee Bush.....	Bedford Heights
Samuel Lee Calig.....	Zanesville
Thomas Kenneth Campbell (cum laude).....	Newark
Thomas Richard Carper.....	Largo, Fla.
Eugene Catania.....	Paterson, N. J.
F. Jane Chamberlin.....	Dayton
James Peter Cieply.....	Cleveland
Stephen Michael Clowery.....	Toledo
Sheila Cluggish (cum laude).....	Newark
William Patrick Coleman.....	Crestline
James R. D. Collins.....	Cold Spring Harbor, N. Y.
Patrick Joseph Collins.....	Columbus
Susan Barnes Collins (cum laude).....	Columbus
David Nuttall Crump, Jr.....	Chagrin Falls
Albert Eugene Cydrus.....	Chillicothe
Michael Gary Davis.....	Cleveland
Roger Allen Davis.....	Payne
Carol Sue Detweiler (cum laude).....	West Liberty
Gary Eugene Dittoe.....	Zanesville

* Also Bachelor of Science in Education, College of Education

Donald Lloyd Dunnington.....	Lancaster
Thomas Michael Eakman.....	Springfield
Charles Douglas Edwards (cum laude).....	Cincinnati
Susan Patterson Egleston.....	Rocky River
William Chris Eickhof, III.....	Columbus
Robert Winfield Elsass, Jr.....	Cuyahoga Falls
William Woodrow Elster.....	Columbus
Thomas Joseph Emory, Jr.....	Kingsville, Md.
William Lawrence Evans.....	Whitehall
Rebecca Jeanne Fedor.....	Cuyahoga Falls
Antony Nathan Fischer.....	Washington, D. C.
Michael Flax.....	Stamford, Conn.
Michael Earl Folmar.....	Windham
Grace Anne Franklin.....	Fairborn
Maxine Joyce Freeze.....	Trotwood
Edward Franklin Frey.....	Cincinnati
Susan Christine Frey.....	Cincinnati
Donald Wayne Fulmer.....	Bellefontaine
Gretchen Gee.....	St. Clairsville
James Edwin Gergat.....	Bowling Green
Christopher Melvin Gibson.....	Columbus
Douglas Daniel Grasso.....	Waterbury, Conn.
Douglas Mark Gudenkauf.....	Columbus
Madeleine Guggenaster, B.Sc. in Edu.....	Columbus
Albert Wesley Harris, Jr.....	Columbus
Stephen Carl Hartman.....	Mansfield
David Lee Haugh.....	Tiffin
Cipriano Sanchez Hernandez.....	Cleveland
Ronald Earl Hise.....	Columbus
Bruce Lee Holsclaw.....	Mansfield
Robert Thomas Host.....	Rossford
Charles Edwin Howell.....	Mansfield
Maria Hruscov.....	Lakewood
Timothy Ewing Hunt (cum laude).....	Coshocton
James Kerr Hunter, III.....	Columbus
Joseph William Jacobs.....	Columbus
Barbara LaVern Jones.....	Worthington
Garlandine Jones.....	Cleveland
Sandra Lee Kalenik.....	Fairfield, Conn.
Paul Matthew Katz.....	Cleveland Heights
Dale Stanley Kessler, B.Sc.....	Westerville
James Alan Kiener.....	Columbus
Georgiann Johnson Kindler.....	Akron
Katherine Ann Kramer.....	Columbus
Karen Anne Lampman.....	Cleveland
Lois Ann Lieberman.....	Cleveland
Michael Joseph Loughman.....	Mansfield
Patricia Sue Lucas.....	Lancaster
Elizabeth Ruth Lwanga.....	Kampala, Uganda
Karen Lee Marsh (summa cum laude and with Distinction in English).....	Cincinnati
Gayle Elizabeth Martin.....	Vermilion
Nancy Lou McNash.....	Rocky River
Lawrence Michael McVan.....	Akron
Adelheid Maria Medicus.....	Dayton
Nancy Jane Melia.....	South Toms River, N. J.
Charles Webster Merritt.....	Springfield

Robert Edward Messham, Jr.....	Dayton
Lynda Hull Metzger.....	Tiffin
Richard Paul Moffa (cum laude).....	Pelham, N.Y.
John Francis Monaco, Jr.....	Dorchester, Mass.
Thomas Harrison Moore.....	Worthington
Sarah Ann Murray.....	Rocky River
Judith Elaine Nell.....	Dover, Pa.
Seamus Nicholson.....	Dayton
William McCormick Noel.....	Columbus
Nancy Elizabeth North.....	Canal Winchester
Victor Lee Office.....	Englewood
Susan Sinclair Osborne.....	Peru, N. Y.
Cleland William Parker.....	Cincinnati
Toby Leigh Pearson.....	Westerville
Dennis Richard Piatak.....	Cleveland
Peter Jay Pitkin.....	Columbus
Joseph LeRay Potts.....	Columbus
Dennis Ray Powell.....	Piqua
James Alan Pribble.....	Columbus
David Lee Rader.....	Columbus
Todd Ross Reilly.....	Cuyahoga Falls
Gretchen Lee Ress.....	Columbus
David Claude Roberts.....	Canton
Frank Thomas Roberts.....	Bannock
Glenn Ronald Roderman.....	Hallandale, Fla.
Stephen Samuel Ruehle (cum laude).....	Toledo
Harold Richard Samples, Jr.....	Jewett
Kathleen Sanders.....	Cincinnati
Sherry Sweeney Sawchak.....	Valley Stream, N. Y.
Barbara Lee Schafer.....	Ashland
Stephen Edgar Schafer (cum laude).....	Columbus
*John Joseph Schiller.....	Bellaire
Robert Alan Schoenman.....	Mansfield
Michael James Shane.....	Jamesstown
William Richard Sheehan, Jr.....	Columbus
Peter Wesley Shirk.....	Worthington
Steva Marie Sims.....	Columbus
William Emil Skuban.....	Cleveland
Richard Allen Smith.....	Swanton
Hindea Joyce Sohn.....	Chicago, Ill.
Leslie B. Swinford, Jr.....	Columbus
Lee Charles Tashjian, Jr.....	Sylvania
Wayne Windsor Taylor.....	Akron
Michael Robert Toombs.....	Dayton
George Eugene Tootle, Jr.....	Circleville
Karen Ethel Topolosky.....	Columbus
David George Vandenberg.....	Dayton
Jean Elliott Van Dyne, Jr.....	Bridgeport
Ted Charles Vollmuth.....	Columbus
William Edgar Wallower.....	Manhasset, N. Y.
Robert Leonard Weber.....	Columbus
Lawrence Paul Wilkins.....	Bellefontaine
Ken Michael Williams.....	Columbus
Susan Williams.....	Dayton
Richard Lee Wilson.....	Sandusky

* Also Bachelor of Science in Education, College of Education

Doreen Higdon Wohl.....	Columbus
Geoffrey Paul Wozney.....	Parma

Bachelor of Science

(Sixty-nine candidates)

Martin John Anastasi.....	Springfield
Harold Lee Arnette.....	Columbus
Percy Coleman Banks, Jr.....	Phoenixville, Pa.
Jon Robert Barkhurst.....	Galion
LuJean Onweller Bay.....	Delta
Robert Roy Begland.....	Columbus
Robert Edgar Bellamy.....	Sandusky
Lauranne Alicia Biribauer.....	Cranford, N. J.
Thomas Joseph Boehm.....	Cleveland
Thomas Richard Bonnett.....	Akron
Lela Mae Boykin.....	Cleveland
Eleny Kemp Brady.....	Springfield
Warren Dale Britt (cum laude).....	St. Johns
Thomas Arthur Carothers.....	Clyde
Sye Cockrel, Jr.....	Columbus
John Robert Connelly.....	Youngstown
Bradford Lee Cook.....	Columbus
John Dean Daulton.....	Seaman
Richard Edward Day.....	Granville
Francisco Lyle Demandante.....	Columbus
Anthony Joseph Donato.....	Gahanna
Deborah Downs.....	Williamsport
Gene Ralph Eckler.....	Sandusky
Evelyn Aronowitz Feder.....	Reynoldsburg
Susan Alice Frayer.....	North Canton
Alan Douglas Fruehan.....	Lakewood
Ronald Louis Gombos.....	Barberton
Carrel Edward Grantham, Jr.....	Hilliard
James Lynn Haas.....	Columbus
Richard Dale Hall.....	Worthington
Charles Edwin Harget.....	Toledo
Suzanne Harman (cum laude).....	Canal Winchester
John Alan Harri.....	Fairport Harbor
Edward Field Hawkinson.....	Cincinnati
William Macon Hilt.....	Dayton
Vaughn Allan Hoblet.....	Archbold
Richard Michael Holzen.....	Vandalia
John Frederick Houchin.....	Springfield
Michael Woodard Hughes.....	Sandusky
John Robert Hutson, II.....	Columbus
Bruce Stuart Jaffe.....	Cleveland
Joyce Violi Lumannick.....	Steubenville
John William Martyny.....	Lyndhurst
David Mayer.....	Columbus
William Lawrence McDermid.....	Dayton
Pirooz Modavi.....	Teheran, Iran
Gary Robert Neumann.....	Cleveland
Larry Dwight Oliver.....	Jackson
Richard Wendell Olsen.....	Bloomington, Ind.
Richard Willis Pontius.....	Akron
Marsha Conant Pritchard (summa cum laude).....	Wilmington, Del.
John Henry Rankin.....	North Olmsted

William Wallace Reynolds, III.....	Euclid
Judith Dart Romer (cum laude).....	Roanoke, Va.
Steven Willis Samuelson.....	Columbus
Daniel Anthony Schaefer.....	Oberlin
Vernon Frederick Siber, Jr., B.A. (MacMurray College).....	Canal Fulton
Gerald Eugene Simonton.....	Springfield
Diane Marie Smith.....	Parma
James Robert Smith.....	Lorain
Mary Weinstock Sokol.....	Vincent
Gerald Thomas Sunbury.....	Columbus
Robert Charles Sylvester.....	Woodsfield
James Howard Tassell.....	Oregon
Ronald Lee VanHorn.....	Dayton
Judy Ann Wagner.....	Glenside, Pa.
Pei Hsun Wang.....	Fairport Harbor
Neil Doyle Ware.....	Cuyahoga Falls
Michael Kent Weisel.....	Great Neck, N. Y.

College of The Arts

Dean: O. Lee Rigsby

Bachelor of Fine Arts

(Ten candidates)

Douglas Richard Carpenter.....	Novelty
Neal Andrew Corcoran, Jr.....	Williamsport
Thomas Ira Friend.....	Lima
Martha Resch Garner.....	Columbus
Michael Bush Hammond.....	Ashland
Jeryn Thomas Humphrey.....	Columbus
Michael Butler Jones.....	Galena
Donald Ray McClelland.....	Wooster
Judy Doss Niese.....	Hillsboro
Ellis Robert Veatch, II.....	Anchorage, Alas.

Bachelor of Music

(One candidate)

David Richard Kortier.....	Sylvania
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College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts in Journalism		(Nine candidates)
Sharon DeÉdra Brown	.....	Ellicott City, Md.
Karen Fiaone Connolly	.....	Columbus
James Dennis Howard	.....	Columbus
Dianne Kushner	.....	Columbus
James Frank Lummanick (cum laude and with Distinction in Journalism)	.....	Parma
James Edward McDonald	.....	Columbus
Marcia Lynne Mehser	.....	Portsmouth
Maria Vittoria Norris	.....	Columbus
Eric James Spilker	.....	Columbus

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

(One hundred and forty-eight candidates)

Richard Charles Abrams.....	Cleveland
John Terrance Albanese.....	Columbus
Paul Richard Axline.....	Waldo
Stuart Stephen Babin.....	Euclid
David Guy Baldini.....	Columbus
Ralph Eugene Barnhart.....	Wapakoneta
Sheila Margaret Barrett.....	Columbus
Arthur Benjamin Basso.....	Parma
Raymond James Bauman.....	Chagrin Falls
Michael Allan Bauble.....	Payne
Daniel Cooper Bear.....	Columbus
Robert Lewis Bernhard.....	Cadiz
David Alan Blair.....	Youngstown
James Phillip Blair, II.....	Finleyville, Pa.
Rodney William Bracken.....	Sharon, Pa.
Denny Lee Brown.....	St. Marys
Gary Lee Buckingham.....	Sunbury
William Joseph Burger.....	Columbus
Asbury Ladimir Burgin.....	Euclid
Ray Vernon Burkitt.....	Springfield
Donald Allen Bush.....	Smithfield, Va.
Keith Belvin Bush.....	Columbus
Stephen Joseph Callinan.....	Columbus
Sue Ann Carey.....	Troy
Keith Allen Chrissinger.....	Columbus
James Theodore Christopher.....	Lorain
William Edward Clinger, Jr.....	Cleveland
Allen Harris Cohen.....	Columbus
Anthony Carl Conte.....	Utica, N. Y.
Jerrold J. Coon.....	Mansfield
Dianne Marie Coughlin.....	Kettering
Terry Michael Covell.....	Columbus
Thomas Edward Creamer.....	Columbus
Douglas Harry Dean.....	Perrysburg
Kenneth Michael DeWitt.....	Delaware
Robert Charles Dilley.....	Bedford
LaVerne Ernest Dillon.....	Upper Sandusky
Richard Paul DiPaolo, Jr.....	Columbus
James Ray Donahue, II.....	Steubenville
Carl Henry Duckwall.....	Dayton
Dan Dean Dunlap.....	Waldo
Daniel Lee Elsass.....	Botkins
Roger Carr Essig.....	Columbus
Robert William Evans.....	Xenia
Charles Robert Fair.....	Palm Beach Gardens, Fla.
John Patrick Flood.....	Mansfield
Donald Patrick Fogarty.....	Columbus
Charles Raphael Foley.....	Springfield
Lawrence Charles Frankel.....	Columbus
Michael Monroe Freda.....	Columbus

Merle Douglas Fulton.....	Lucas
Dennis Morton Gallagher.....	Mt. Gilead
Roger Louis Gentile.....	Columbus
William Michael George.....	West Jefferson
Bruce Leslie Gillman.....	Wadsworth
Fredrick LeRoy Glassford.....	Marion
Robert Michael Graham.....	Columbus
Alan Roy Greenleaf.....	Rocky River
Daniel Timothy Groomes.....	Columbus
John William Guild.....	New Richmond
James Richard Hare, Jr.....	Troy
Robert Gregory Harris.....	Cleveland
David Edward Hartzell.....	Canton
John Jay Heiniger.....	Columbus
Gerald Fredrick Hoch, II.....	Columbus
David Remy Hoffman.....	Cleveland
Donald Earl Howard.....	Gahanna
Gary John Hren.....	Cleveland
Robert Theodore Johnson.....	Logan
Eric Lynn Jones.....	Granville
James Allan Jusak.....	North Royalton
Larry Allan Kahn.....	Cincinnati
Gerald Louis Kavka.....	Elrama, Pa.
John Joseph Kennedy, Jr.....	Columbus
Kirk Harold Keple.....	Downey, Calif.
Melvin Lamont Kindle.....	Columbus
Billy Jo King.....	Logan
Nancy Jane Kirkland.....	Dayton
Roy Gustav Krause.....	Brunswick
Daniel William Krupp.....	Columbus
Charles Pierce Lang, Jr.....	Cincinnati
Dale Ellis Lauer.....	Amherst
James Klahr Leitz.....	Willard
Daniel Newton Lewis.....	Jackson
Stephen Victor Liberman.....	Paterson, N. J.
Ronald David Lieberman.....	Columbus
Theodore John Logan.....	Kinsman
Gerald Walker Lowe.....	Middletown
Glenn Ray Marchal.....	Mt. Vernon
Lawrence Raymond Mares.....	Columbus
William Vincent Maslyk.....	Columbus
Jack Allen McDonald.....	Pataskala
John Francis McDonough, III.....	Elyria
Steven Lee Miley.....	Galion
Joseph Howard Miller.....	Granville
James Thomas Moran.....	Cleveland
Michael Leslie Munjas.....	Bellaire
Michael Alan Muskat.....	New York, N. Y.
Leonard Charles Myers.....	Columbus
Thomas Alden Myers.....	Copley
William Raymond Norris, Jr.....	Whitehall
Marsha Lynne Opritza.....	Canfield
Daniel Joseph Orf.....	Kettering
William Thomas Patterson (cum laude).....	Columbus
Kenneth Anthony Pesavento.....	Lockport, Ill.
James Gorden Pockmire.....	Akron
Edward John Price.....	Columbus

Elliot Van Prigozen.....	Hewlett, N. Y.
William Allen Probst.....	Marion
William Harrold Pulliam.....	Columbus
Richard Gary Racek.....	Cleveland
Dale Ivor Raffeld.....	Columbus
John Edward Rast.....	Columbus
David Joseph Redli.....	Cleveland
John Fredrick Reitz.....	Olmsted Falls
Wayne Werner Rickert.....	Wapakoneta
James Albert Rigby.....	Newton Falls
John Anthony Rinaldi.....	Cleveland
Joseph Paul Ritchie.....	Cleveland
Gary Eugene Ruhe.....	Ottawa
John Francis Rutter.....	Hinckley
Douglas William Ryan.....	Columbus
William Leander Sandstrom.....	Painesville
Ernest Thomas Sarr.....	Huron
Stephen Charles Scheiderer.....	Marysville
Marc Bernard Schmittke.....	Cleveland Heights
Gary Michael Schweickart.....	Columbus
Robert Clell Sedgwick, Jr.....	West Mansfield
Mark Frederick Sell.....	Tiffin
Stephen Wayne South.....	Hebron
Richard Lee Stewart.....	Columbus
Ronald Stewart.....	Columbus
Michael Charles Swartz.....	Columbus
Stuart Eugene Teach.....	Columbus
Richard Eugene Todd.....	Wakeman
James D. VanDeGrift.....	Dayton
Joseph Albert Van Dyck.....	Delaware
Ronald Albert Vanke.....	Barberton
David Robert Waller.....	Canton
Robert Lynn Warner.....	Dayton
Robert Allen Werner.....	Columbus
Joel Richard Williams.....	Greenville
Karl Wayne Wilson.....	Columbus
Robert Theodore Wilson.....	Canton
Thomas Cook Woodward.....	Lancaster
Michael Aloysius Wyss.....	Columbus
Richard George Zidjunas.....	Bedford Heights
Jeffred Frederick Zureick.....	Columbus

School of Social Work

Bachelor of Science in Social Welfare

(Twenty-six candidates)

Mary Jo Arnold.....	Canfield
Joan Tanner Baldwin.....	Kettering
Catherine Jane Ball.....	Cleveland
Jeanne Ann Begien.....	Columbus
Daniel Norman Burdekin.....	Columbus
James Byron Carruth.....	Perrysburg
Sharon Duberstein Cohen.....	Dayton
Mona Kathleen Fink.....	Canton
Roberta Doherty Fulton.....	Fairview Park
Gwenyth Jean Gosewisch.....	Bay Village
John Collier Hagerty.....	Washington C. H.
Nancy Lee Hill.....	Coshocton
Susan Elaine Hopkins.....	Columbus
Caryn Sue Koppelman.....	Cleveland Heights
Lynne Leitenberger.....	Erie, Pa.
Hazel Dudgeon Mann.....	Columbus
Richard Andrew Molinari.....	Fulton, N. Y.
Carol June Norton.....	Canton
Kristin Cecilia Rader.....	Coshocton
Michaelene Roney.....	Akron
Kathryn Ann Rotolo.....	Columbus
Marlin Kay Saintenoy.....	Barberton
Mary Vogt Schwartz.....	Cincinnati
Marilyn Fowls Sears.....	Centerburg
Joan Evelyn Shuster.....	Delaware
Charlotte Jean Wilhelm.....	Chillicothe

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

(Seventy-nine candidates)

Louis Henry Baumann.....	West Chester
Terryl Lee Beck.....	Berlin Heights
Robert David Beery, Jr.....	Lancaster
Vincent Paul Billiter.....	Cincinnati
Alan Edward Buchler.....	Cleveland Heights
Tim Lawrence Buckley.....	Oxford
Gary Lynn Burky.....	New Philadelphia
David Lowen Carr.....	North Madison
John Patrick Cottier.....	Maumee
Kenneth Christopher Coulter.....	Zanesville
Daryl Lee Deering.....	Monroeville
Gary Duane Demorest.....	Waldo
James Harvey Dusthimer.....	Newark
William Christopher Eglet.....	Cleveland
Charles Thomas Evans.....	Richwood
Timothy Blair Folck.....	Springfield
Glenn Wayne Gaskill.....	Newcomerstown
Mark Conrad Giles.....	Reynoldsburg
David Edward Gilson.....	Painesville
James Everett Gunn.....	West Unity
Kenneth Otto Haack, II.....	Tiffin
Paul Max Heimlich.....	Mt. Gilead
Larry James Helzer.....	Whitehouse
Philip Lee Hobbs.....	Lancaster
Edward Joseph Hoene.....	Bryan
Carl Richard Holter.....	Racine
David Lee Howard.....	Dayton
James Allen James.....	Bowling Green
Harry Samuel Johnston.....	Scio
David Michael Jordan.....	Mt. Gilead
Clarence Dale Jostpille.....	Fort Jennings
David Dale Kapple.....	Cherry Creek, N. Y.
Thomas Alfred Karbler.....	Vickery
Jeffrey Lewis Keirns.....	Gahanna
Jerome Frank Langenkamp.....	Yorkshire
Rose Arlene Laux.....	Perry
Robert Edward Lee, Jr.....	Bolivar
Walter Ernest Leeman.....	Brewster
Allan Eugene Lehman.....	Swanton
Gerald Ralph Limes.....	Bowling Green
Robert Earl Lint.....	Canton
Lauren Gene Lloyd.....	Bowerston
David Edward Mackert.....	Lorain
Duane Joseph Marhefka.....	Kensington
Thomas Charles Marsh.....	Greenfield
John William Martin.....	Georgetown
James Ray McConnell.....	Wellington
Cheryl Anne McGregor.....	Westlake
Francis D. McManus.....	Springfield
John Henry Metz.....	Norwalk
David Lynn Myers.....	Clyde

Lawrence Thomas Neff.....	Lyndhurst
George Vaughn Osborne.....	Quaker City
James Carl Papritan.....	Lancaster
Larry James Perdue.....	Laura
Dennis Lynn Polter.....	Lima
John Read Powers, Jr.....	Girard
Lois Morrow Price.....	Columbus
Eugene James Puskas.....	Lakewood
Lee Allen Rawn.....	Reynoldsburg
Stephen Daniel Richey.....	Miamisburg
Christian Jacob Roth, Jr.....	Columbus
Roy Martin Roush.....	Orient
Marvin Gene Rupp (cum laude).....	West Unity
Larry Dale Sands.....	Newark
Charles Clifford Schwartz.....	Clifton
James Robert Showers.....	Newton Falls
John Richard Shupert.....	Seaman
Mary Frances Sickinger.....	Chesterland
John Dean Slates (cum laude).....	Scio
Dennis Arthur Smith.....	Cridersville
Ernest Charles Smith.....	Sherrodsville
John Thomas Sommers, III.....	Urbana
Darrell Gregory Thompson.....	Bloomingsburg
Michael Richard Wade.....	Bellville
Thomas Alden Watson, Jr.....	Newcomerstown
Howard Medick Willson.....	Worthington
Raymond Eugene Woodring.....	Defiance
Marion Richard Woods.....	Mt. Sterling

Bachelor of Science in Nutrition

(One candidate)

Richard Alan Paul.....	Lykens, Pa.
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School of Home Economics

Bachelor of Science in Home Economics

(Forty candidates)

Saundra Emilia Angotti.....	Manhasset Hills, N. Y.
Patricia Lee Barrett.....	Delaware
Karen Lisa Bernt.....	Dayton
Mary Ruth Blake.....	East Hartford, Conn.
Marianne Vandenburg Bradley.....	Pataskala
Joyce Watson Carpenter.....	Barnesville
Linda Guyette Case.....	Columbus
Judith Thaxton Cool.....	Charleston, W. Va.
Janet Metcalf Dugan.....	Columbus
Sandra Lee Eyman.....	Springfield
Joyce Hutchison Funk.....	Columbus
Sally Rossbach Gerboth.....	Chardon
Linda Howald Hedges.....	Delaware
Ruth Binegar Hunter.....	Washington C. H.
Judith Carol Janz.....	Columbus
Laureen Wood Jauch.....	Granville

Martha Jane Klein.....	Ashtabula
Carol Ann May.....	Delaware
Nancy Lou McDaniel.....	Worthington
Mary Elizabeth McGean.....	Pittsburgh, Pa.
Judith Sally Michaelis.....	Defiance
Anne Kimberly Nash.....	Springfield
Judith Ann Nestor.....	Dayton
Joanne Louise Overmyer.....	Greenville
Sharon Jane Randels.....	Canton
Marsha Jane Ricker.....	New Philadelphia
Nancy Ellen Robinson.....	Delaware
Dorothy Jo Rose.....	Lauderhill, Fla.
Carolyn Jean Rubins.....	Cuyahoga Falls
Harriet Lee Scheiner.....	Cleveland
Elaine Gisha Schultzt.....	Dayton
Jo Ann Schultzt.....	St. Marys
Gay Peterson Sharp.....	Amanda
Dianne Lynn Shirley.....	Vermilion
Joanne Christine Siconolfi.....	Eastchester, N. Y.
Lynne Kaye Smith.....	Springfield
Sharon Ann Snavely.....	Bellville
Shirley Ann Waterman.....	Steubenville
Joyce Ada Whinnery.....	Salem
Shirley Jean Wohlers.....	Port Clinton

Bachelor of Science in Restaurant Management

(Two candidates)

Robert Joseph Broderick.....	Troy, N. Y.
Robert Bruce Morrison.....	Akron

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

(One candidate)

George John Hazel, Jr., B.S. (Xavier University) Parma

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

(Two hundred and thirty-eight candidates)

Linda McDonnell Adamsen.....	Columbus
Robin Reiss Adamski.....	Huntington, N. Y.
Sara Judith Ain.....	New York, N. Y.
Amy Melvin Allen.....	Dayton
Penny Allen.....	Cedarhurst, N. Y.
Cheryl Jeanne Archer.....	Columbus
Jeffery Jay Arnold.....	New Philadelphia
Karen Sue Arnold.....	Lebanon
Charlotte King Ashton.....	Columbus
*Julia House Ayers.....	Franklin
Marlys Louise Baird.....	Newcomerstown
Gerald Eugene Baker.....	Columbus
George Dana Barber.....	Mt. Gilead
Ted Charles Bauer.....	Troy
Marian Pollina Baumann.....	Columbus
Dudley Alan Beaver.....	Piqua
Lytton Victor Beeler.....	Columbus
Robert Haughton Benedict.....	Columbus
Lamar James Bennett.....	Clyde
Marjorie Hewitt Bennett.....	Columbus
Barbara Jo Bibler.....	Newark
Jeanne Louise Blair.....	Newbury
Barbara Jean Bleakley.....	Columbus
Barbara Zell Boedicker.....	Lima
Margaret Ellen Borell.....	Martins Ferry
Diana Jean Bowsher.....	Lima
Jill Loren Boyd.....	Columbus
Patricia Louise Braun.....	Galion
Dudley Clinton Bravard.....	Columbus
Joan Barbara Brenner.....	Mt. Vernon, N. Y.
Elizabeth Bohl Burk.....	Fayetteville
Janis Lynne Busch.....	Rocky River
Patricia Marie Carroll.....	Mineola, N. Y.
Richard Eugene Chandler.....	Columbus
Charles Michael Chatlos.....	Lakewood
Fred Gregory Ciabocchi.....	Peckville, Pa.
Heather Lorber Claibourne.....	Chesterland
Constance Lorene Clark.....	Sidney
Judith Jay Cohen.....	Canton
Robert William Cook.....	Johnstown
Karen Kay Corderman.....	Lima
Maureen Monske Cote (cum laude).....	Grafton
Daniel Eugene Coverstone.....	Sidney
Cynthia Weekes Cowlin.....	Hamburg, N. Y.
Jonathan Richard Crosse (cum laude).....	Fairborn
Katrina Sanford Crum.....	Hudson
Dennis Roger Dale.....	Cleveland
Karen Patricia David.....	Swanton
Joan Lynne Davis.....	South Orange, N. J.
Sue Pearce Davis.....	Lancaster

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Susan Cherrington Davis	Circleville
Patricia More Dawson	Amlin
Carol Dorn Dean	Perrysburg
Barbara Weber Deutschle	Delphos
Theresa Campbell Dinan	Youngstown
Eleanor Garrett Dixon	Columbus
Betty Louise Domasky	Mansfield
Katharine Ellen Dougherty	Falls Church, Va.
Barbara Faye Duncan	Columbus
Judith Cash Eddy	Columbus
Lucien Leroy Edmonds	Columbus
Kathleen Gail Ehman	Dayton
Thomas J. Ehrlich, A.B. (Rutgers University)	Columbus
James Arthur Elshire	Wapakoneta
Brenda Kay Ely	Sidney
Linda White Emerson	Bucyrus
Michael Henry Engelmeyer	Reynoldsburg
Edgar Lawrence Erlanger	Mt. Vernon
Rosemary Essenwine	Fairborn
John Wilbur Ewell	Wellington
Maureen Louise Finn, B.A.	Columbus
Ralph Wayne Fuhrman	Lima
Patrick Eugene Funk	Somerset
Linda Stevenson Gabriel	Columbus
Linda Kay Gerson	Dayton
Susan Lee Getzendiner	Perry
Vivienne Joyce Ginsberg	Miami Beach, Fla.
Lynda Schoenstein Glanz	Cleveland Heights
Richard Ronald Glaze	Westerville
Lynn Stein Goldenberg	Skokie, Ill.
Joseph Aaron Goodrich	Columbus
Kathleen Rae Graler, B.A. (University of Kentucky)	Cincinnati
Mary Purcell Graor	Elyria
Doree Jean Greendyke	Greenville
Lucille Rapp Grossman	Columbus
Harold Dale Grubs, III	Sylvania
Phyllis Krems Grundstein	Columbus
Lynne Mason Gunning	Columbus
Diane Siegel Haas	Columbus
Claudia Crook Hansley	Columbus
Alice Hatcher Harker	Columbus
Margaret Gertrude Harris	Columbus
William English Herd	Columbus
Jerelyn Hampton Hindman	Columbus
Julie Ann Hinton	Canton
Linda Agler Hobbs	Columbus
Michael Jeffrey Hochman	University Heights
David Gene Hoover	Mansfield
Shirley Ann Hornsburger	Columbus
Bonita Roslyn Howe	Cheverly, Md.
David Rolland Hoy	New Carlisle
Patricia Plankenhorn Huff	Lima
Shirley Krieg Hunter	Cincinnati
Ann Ferguson Imbody	Marion
Carol Hungate Irion	Columbus
Mary Elam Irion	Columbus
Gayle Lee Jackson	Harrison

Judith Beckerdite Jamieson.....	Columbus
James Mark Johnson.....	Marysville
Kandace Lee Judkins.....	Greenfield
Judith Ann Keller.....	Heath
James William Kerr.....	Petersburg
Barbara Brown Kibby.....	Cincinnati
William Emerson Kilbourne, III.....	Grove City
Kathy Ann King.....	Sharon, Pa.
Mary Kay Gerdeman Kitchen.....	Columbus
James Edward Klinksick.....	Columbus
Kathleen Ann Klippel.....	Mansfield
Candace Priess Klosinski.....	Ashland
Peggy Daugherty Knickel.....	Prospect
Beverly Belair Knott.....	Columbus
Daniel Robert Koch.....	Rockford
Helene Barbara Kollman.....	Springfield
Sue Ann Korb.....	Delphos
Patricia Jo Krizinski.....	Columbus
Norman Allen Kushen.....	Mentor
Julie Schwartz Kwait.....	Glencoe, Ill.
Patricia McCleary Lange.....	Columbus
Victor Anthony Laniauskas.....	Cleveland
Evelyn Keys Larson.....	Columbus
Nancy Ellen Leddy.....	Columbus
Marcia Herbert Leeman.....	Bay Village
Robert Eugene Lemaster.....	Oak Hill
Karen Sue Lenhart.....	Spencerville
John Thomas Lennon.....	Columbus
Sheldon Levy, B.S. in E.E. (University of Cincinnati).....	Cleveland
Linda Sue Little.....	Columbus
Susan Byers Lummanick, B.A.....	Cleveland
Janet Horvath Lynn.....	Chagrin Falls
Barbara Solomons Maple.....	Columbus
Anita Pollak Markowitz.....	University Heights
Lowell Eldon Marx.....	Columbus
Richard Duane McCandless.....	Fostoria
Nancy Ann McClelland.....	Columbus
Carrol Ann McCune.....	Columbus
Stephen Edward McDowell.....	Columbus
John Wesley McPheron.....	Lima
Talmyr Clarke Metz.....	Marion
Teresa Anne Michel.....	Westerville
Jack Leroy Miller.....	Crestline
Rebecca Lee Mills.....	Cincinnati
Cheryl Barishman Nanes.....	Columbus
Dorothy Gage Nelson.....	Middletown
Doris Suzanne Neuman.....	Washington, Mich.
Anne Palmer Newcomb.....	Fairborn
Susan Jane Newman.....	Akron
Carol Ann Noles.....	Columbus
Elaine Anne Nourot.....	Whitehall
Marjorie Ann Null.....	Sandusky
Alan Herman Nusbaum.....	Cleveland
Susan Kelly Nyrop.....	Columbus
Virginia Caton Oberlander.....	Worthington
Mary Pankiw.....	Parma
Mathew Pasquale, Jr.....	Euclid

Richard Eugene Payne.....	Delaware
Genieve Swartwood Pearce.....	Lorain
Ruth Will Pecsok.....	Whitehouse
Emily Sitterley Pedroso, B.A.....	Columbus
Henrietta Walt Pfeifer.....	Columbus
Maxine Watson Plumb.....	Grove City
Thomas Dale Potter.....	Lima
Robin Lee Procter.....	Pittsburgh, Pa.
Daniel Byron Pumphrey.....	Columbus
Marcia Jayne Ramm.....	Akron
Ricky James Rausenberg.....	Dayton
Eugene Michael Refkin.....	Canton
Madeline Beth Robinson.....	Columbus
Paul Victor Roetter.....	Perrysburg
Teena Joyce Roof.....	Sunbury
Patricia Jameson Ross.....	Lima
Darlene June Russell.....	Columbus
Jean Benston Russell.....	Dublin
Richard Lee Schaffner.....	Canton
Eric Barry Schaim.....	Cincinnati
Deborah Martindale Scheel.....	Hamilton
*John Joseph Schiller.....	Bellaire
Linda Kathleen Schneider (summa cum laude).....	Maple Heights
Claire Maxine Schriber.....	Dayton
Linda Lee Schuler.....	Columbus
Christine Egger Schultz.....	Columbus
Margaret Lydia Schwartz.....	Columbus
Stephen Henry Seall, B.A.....	Xenia
Randall Scott Seelbrede.....	Greenville
Dian Sue Seslar.....	Antwerp
Reva Kay Shar.....	Bexley
Phylliss Marie Shvorob.....	Middlefield
Sanford Allen Siegel.....	San Diego, Calif.
Maria Irene Sileckyj.....	Lorain
Jeffrey Michael Sims.....	Hayward, Calif.
Bette Jean Slaybaugh.....	Richwood
Curtis Allan Smith.....	Columbus
George Brenton Smith.....	Columbus
Richard Douglas Smith.....	Columbus
Daniel Garman Stedman.....	Bedford
Cynthia Haffner Steer.....	Scio
Judith Ann Stein.....	Worthington
Thomas Wilson Stevenson.....	Groveport
Howard Cole Stewart, Jr., B.Sc.....	Marietta
Kathleen Jo Stimpfle.....	Columbus
Dari Lyn Stoner.....	Columbus
Marcia Sheward Stover.....	Columbus
Sharon Lynn Stuckey.....	Dayton
Sharon Gayle Sugarman.....	University Heights
Judith Rarick Tinker.....	Chardon
Barbara Blair Triplett.....	Reynoldsburg
William Walter Tucker.....	Sylvania
Muriel Jackson Tyler.....	Galloway
Sharon Beth Ungar.....	University Heights
Thomas Scott Urban.....	Fairport Harbor
Deborah Ann Valinzo.....	Rochester, N. Y.

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Judy Lois VanKirk.....	Columbus
Richard VanWinkle.....	Richwood
Andrew Saul Venclauskas.....	Cleveland
Robert Francis VeVerka.....	Brecksville
Judith Gay Walker.....	Cleveland
James Richard Weaver.....	Kansas
Kathryn Matthews Wells.....	Utica
John Victor Wemlinger.....	Columbus
Eileen Rosen Westerman.....	Columbus
Margaret Anne Wetterau.....	Akron
Linda Renner Whittington.....	Gomer
Cheryl Baughman Wills.....	Columbus
Russell Benson Wiseman.....	Mentor
Mark Keith Yoshimura.....	Kettering
William Richard Yost.....	Columbus
Mary Anne Young.....	Columbus
Patricia Soine Zell.....	Cambridge
Charles William Zimmerman (cum laude).....	Huron

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering *(Six candidates)*

Joseph Dominic Gargiulo.....Wickliffe
Barry Alan Kaditz.....Worcester, Mass.
Alfred Paul Metz (summa cum laude).....Springfield
Robert Dean St. Austin.....West Carrollton
Clarence Richard Sokol.....Vincent
*David Lee Starr.....Spencerville

Bachelor of Agricultural Engineering *(Two candidates)*

Richard John Steyer.....Fostoria
*Allen Paul Zimmerman (cum laude).....Norwalk

Bachelor of Ceramic Engineering *(Two candidates)*

Richard Alan Dove.....Columbus
Reinhardt Edward Steger.....Mansfield

Bachelor of Chemical Engineering *(Four candidates)*

William Edward Ferguson.....Ashtabula
James Michael Flerchinger.....Maple Heights
Lawrence Harris Green.....Cuyahoga Falls
Modupeola Oluremilekun Owotomo Kasim.....Lagos, Nigeria

Bachelor of Civil Engineering *(Eight candidates)*

*Joseph Nathan Brewster (summa cum laude).....Swanton
Thomas Michael Davis.....Alliance
*Fred Ervin Fischer (cum laude).....Jefferson
Stanley John Kovacic.....Eastlake
*George Edson Mason.....Cuyahoga Falls
James Robert Nimz.....Stamford, Conn.
Michael Bailey Parker.....Paulding
Edward Joseph Shondel.....Clinton

Bachelor of Electrical Engineering *(Seven candidates)*

Samuel Young Dennis, III.....Columbus
Robert Scott Donaldson.....Wooster
John Frank Holland.....Cleveland Heights
Doyt Franklin Johnson.....Van Wert
James Albert Mohrman.....Wellington
William Ernest Reese, II.....Mansfield
Julius Joseph Szanati.....Cleveland

Bachelor of Industrial Engineering *(Seven candidates)*

Ronald Eugene Davis.....Worthington
Casimir Dziadecki.....Columbus
David Lee Eshler.....Carrollton
Gerald Carl Hagadorn.....Pittsburgh, Pa.

* Also Master of Science, Graduate School

Donald George Nameche (cum laude)	Lima
Charles Edward Niuman	Dayton
Robert Mitchell Young	Youngstown

Bachelor of Mechanical Engineering

(Twenty-five candidates)

George Paul Amlin (cum laude)	Tiffin
James Daniel Arnholt	Loudonville
Robert Craig Bausmith	Cincinnati
*Don Warren Caudy (summa cum laude)	Sunbury
William David Eastman	Novelty
Donald Raymond Fenner, Jr.	Columbus
Thomas Wayne Gideon	Lima
*Dale Lee Hartsock (summa cum laude)	Waynesville
Larry Olan Henry	Bellefontaine
Carl Francis Holdren	Cincinnati
Norman William Hoppe, Jr.	Columbus
Dennis Adelbert Horazak	North Royalton
Charles William Jenkins	Fremont
Roger Alan Kime	Newark
Bruce Lee Knieriem	Elmore
Ronald Harvey McLean	Columbus
Dennis Raymond Pandy	Elyria
Lenard Rhoads	Bainbridge
*George Edward Ruck, Jr.	Lancaster
John Elsworth Shawd	Columbus
Larry Anthony Shockling (summa cum laude)	Canton
Dale Charles Smyth, Jr.	Cincinnati
Stephen Michael Wander	Worthington
Marion Odell Worley, Jr.	Columbus
Daniel Bruce Young	Akron

Bachelor of Metallurgical Engineering

(Two candidates)

William Johnstone Parr	Kent
*Robert Owen Slonaker	Baltimore

Bachelor of Science in Physics

(One candidate)

Andrew Stephen Zolnay, B.S. (Saint Joseph's College, Philadelphia, Pennsylvania)	Sandusky
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Bachelor of Welding Engineering

(One candidate)

*Ronald Jack Shore	Jefferson
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School of Architecture

Bachelor of Landscape Architecture

(One candidate)

Robert Sharon Nettleship, Jr.	Coshocton
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* Also Master of Science, Graduate School

College of Law

Dean: Ivan C. Rutledge

Juris Doctor

(Fourteen candidates)

Gary Colburn Acker, B.A.....	Columbus
Frank Thomas Black, A.B. (Princeton University); M.A. (Northwestern University) (summa cum laude).....	Columbus
John Edward Erb, B.Sc. in Bus.Adm.....	Marietta
William David Jamieson, B.A. (University of Colorado) (cum laude).....	Sidney
Robert Lamont Kaiser, B.A. (cum laude).....	Pataskala
William Stephen Miller, III, B.S. in Bus. (Miami University) ..	Pitcairn, Pa.
William Stoner Newcomb, Jr., B.Sc. in Edu.....	Columbus
Charles Leon Price, B.Sc. in Edu. (cum laude).....	Middletown
Daniel Ray Shirey, B.Met.E.....	Columbus
John Kelsey Sterling, B.Sc. (summa cum laude).....	Brilliant
Michael Roy Szolosi, B.A. (University of Toledo).....	Toledo
Stephen Roy Thompkins, A.B. (Denison University).....	Coshocton
Peter Teguns VanBaalen, B.A.....	Cleveland
Frank Milton Wells, A.B. (Miami University).....	Jackson

College of Medicine

Dean: Richard L. Meiling

Doctor of Medicine

(One candidate)

Melanie Sproul Kennedy, B.A. (Ohio Northern University) New Hampshire

School of Allied Medical Professions

Bachelor of Science in Medical Technology

(Seven candidates)

Virginia Lee Bissell (cum laude)	Cincinnati
Sandra Lee Hilton	Buckeye Lake
Sandra Joyce Holzworth	Columbus
Connie Lee McCleary	Columbus
Melinda Barnette Miles	Akron
Diane Ruth Passan	South Euclid
Allyn Friedlander Raflo	South Euclid

Bachelor of Science in Occupational Therapy

(Seven candidates)

Juliana Allarding	Loudonville
Beth Ann Deniston Ball	Spencerville
Patricia Sue Bean	Findlay
Therese Ann Donnelly	Cleveland Heights
Eloise Margaret Klein	Fairborn
Ferol Jean Schricker	Cincinnati
Hyla Rubenstein Segall	Cleveland Heights

Certificate of Nurse Anesthetist

(One candidate)

Joyce Taylor Wells	Toronto
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School of Nursing

Bachelor of Science in Nursing

(Six candidates)

Diane Dugas	Englewood, N. J.
Evelyn Leigh Franks	Monroe, N. C.
Lorna Thomasson Lewis	Shaker Heights
Louise Gallaway Loomis	Maumee
Elizabeth Kolar Steinhoff (cum laude)	Cincinnati
Sally L. Swanson	Marion

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

(One candidate)

Peter John Sutro, A.B. (Harvard University); A.M. (Columbia University) Columbus

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

(One candidate)

Richard Edward Angel..... Columbus

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 13, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, February 13, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Bertram D. Thomas, John G. Ketterer, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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President Fawcett introduced Mr. Robert G. Smith, Vice President for University Development, whose appointment became effective February 1, 1969.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Departments of Accounting and Business Organization Be Discontinued

On December 10, 1968, the Faculty Council approved a proposal from the Council on Academic Affairs that the Departments of Accounting and Business Organization be discontinued, effective immediately.

Since the academic reorganization of the University was approved, the faculty of the College of Administrative Science has given careful study to the mission, internal organization and programs of the new College. In order to implement the internal reorganization of the College and to permit establishment of new academic faculties in Accounting, Finance, Management Science and Marketing, it was necessary to dissolve the existing Departments of Accounting and Business Organization.

In developing the proposed College organization, the faculty sought a structure that will facilitate (1) more effective utilization of faculty resources, (2) the development of appropriate academic policies related to each of the disciplines, (3) the interdisciplinary planning and coordination required for the programs and (4) fuller faculty involvement in the formulation of College policies.

President Fawcett recommended that the action of the Faculty Council be approved by the Board of Trustees.

Upon motion of Dr. Thomas, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous roll call vote.

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II. PERSONNEL CHANGES

A. Change in Administrative Responsibility

President Fawcett made the following statement concerning the Change in Administrative Responsibility for Mr. Frederick Stecker:

February 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Change in Administrative Responsibility (continued)

The first personnel recommendation is one which I make with mixed feelings. Mr. Frederick Stecker has requested a change of assignment from his position as Executive Director for University Relations to a staff office that will coordinate the Centennial program. Mr. Stecker assumed the position as Coordinator for the Centennial, effective February 1, 1969. The Coordinator shall be the chief of staffing for implementation of the program emanating from the Centennial Planning Committee and other management committees as appointed. The Coordinator will implement Committee efforts and will report to the Office of the President and the Office of Development as appropriate. I am sure you will join with me in extending thanks to Fred for the job he has done and in wishing him well for the productive work which is his ahead. (Salary unchanged)

In addition to the foregoing personnel recommendation, President Fawcett recommended that all personnel changes since the December 12, 1968 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary and Emeritus Titles:

B. Promotions

Richard H. Bohning from Associate Dean (part time - 60%) College of Agriculture and Home Economics, and Administrative Adviser on the AID/Brazil project (part time - 10%) and AID/India project (part time - 10%), to Dean of the College of Biological Sciences, effective January 1, 1969, at a salary of \$26,652.00 per annum. Dr. Bohning will continue to hold the rank of Professor in the College of Biological Sciences - Entomology Academic Faculty.

Paul J. Olscamp from Associate Professor in the Department of Philosophy to Associate Dean in the College of Humanities, effective January 1, 1969, at a salary of \$12,288.00 per annum. Dr. Olscamp will continue to hold the rank of Associate Professor in the Department of Philosophy.

Margaret A. Mordy from Professor in and Director of the Women's Division in the School of Physical Education to Assistant Dean in the College of Education, effective January 1, 1969, at a salary of \$23,196.00 per annum.

February 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions (continued)

William Hamelberg from Professor in the Department of Surgery to Professor and Chairman of the Department of Anesthesiology, effective immediately, at a salary of \$18,204.00 per annum.

Mark P. O. Morford from Associate Professor in the Department of Classics to Associate Professor in and Chairman of the Department of Classics, effective January 1, 1969, at a salary of \$14,268.00 per annum.

C. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Charles R. Oaklief, Instructor (County Extension Agent, 4-H) Fairfield County, effective December 16, 1968 through January 31, 1969, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Ram Prakash Bambah, Professor, Department of Mathematics, effective January 1, 1969 through March 31, 1969, to give lectures to graduate students in number theory and engage in research at Punjab University, Chandigarh, India.

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective January 12, 1969 through June 30, 1969, to serve as a consultant at the College of Agricultural Engineering, Punjab Agricultural University, India.

M. Eugene Cravens, Professor, Cooperative Extension Service and Department of Agricultural Economics and Rural Sociology, effective February 1, 1969 through March 14, 1969, to work on a feasibility study for US/AID, East Pakistan.

Marion T. Gatrell, Associate Professor, College of The Arts - Division of Art, effective January 1, 1969 through March 31, 1969, for personal reasons.

February 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Anita R. McCormick, Associate Professor (Assistant State Leader, Home Economics), Cooperative Extension Service, effective January 16, 1969 through January 31, 1969, to participate in a program of professional improvement at North Carolina State University.

Ron K. H. Adler, Assistant Professor, Department of Geodetic Science, effective January 1, 1969 through June 30, 1969, to work on an advanced degree in the area of geodetic science.

John W. Crawford, Assistant Professor, Department of Obstetrics and Gynecology, effective January 1, 1969 through March 31, 1969, for personal reasons.

John S. Hsia, Assistant Professor, Department of Mathematics, effective January 1, 1969 through September 30, 1969, to engage in research at the Mathematical Institute, Gottingen, Federated Republic of Germany.

Mary F. Hull, Assistant Professor, School of Physical Education - Women's Division, effective January 1, 1969 through September 30, 1969, for personal reasons.

Maureen A. Hunter, Instructor, Department of Veterinary Anatomy, effective January 1, 1969 through March 31, 1969, for personal reasons.

Charles R. Oaklief, Instructor (County Extension Agent, 4-H) Fairfield County, Cooperative Extension Service, effective February 1, 1969 through June 30, 1969, to participate in a program of professional improvement at The Ohio State University.

E. Emeritus Titles

Lewis C. Saboe, Cooperative Extension Service, with the title Professor Emeritus (Extension Agronomist), effective January 1, 1969.

Agnes S. Smith, School of Home Economics, with the title Assistant Professor Emeritus, effective February 1, 1969.

February 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles (continued)

Richard O. McFerren, Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Agriculture), effective February 1, 1969.

Upon motion of Mr. Hilliker, seconded by Mr. Ketterer, the Change in Administrative Responsibility, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" an official document of the University.

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III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting:

1. Government Research Contracts - Federal

- a1. U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky, Research and Scientific Studies for the Combat Development Program (to be known as U. S. Army Armor Center Project No. 573 - Mod. #36 - Department of Industrial Engineering).
Gross Value - \$6,093.00.
- a2. Department of Navy, Office of Naval Research, Washington, D. C., Conducting a Course of Instruction in Navy Price Analysis (to be known as Office of Naval Research Project No. 1086 - Amend. #18 - College of Administrative Science, Division of Continuing Education).
Gross Value - \$175,862.00.
- a3. U. S. Atomic Energy Commission, Argonne, Illinois, Cycling of CL-36 Labeled DDT in Natural Systems (to be known as U. S. Atomic Energy Commission Project No. 1794-B - Mod. #5-1 - College of Biological Sciences - Population and Environmental Biology).
Gross Value - \$43,700.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- a4. U. S. Army Research Office - Durham, Durham, North Carolina, Interaction of Ions With Boundary Layers and Fluid Flows (to be known as U. S. Army Research Office - Durham Project No. 1864 - Mod. #3 - Department of Mechanical Engineering).
Gross Value - \$75,000.00.
- a5. U. S. Atomic Energy Commission, Argonne, Illinois, An Investigation of Mixed Conduction in Solid Electrolytes (to be known as U. S. Atomic Energy Commission Project No. 1958-B - Mod. #3-1 - Department of Metallurgical Engineering).
Gross Value - \$31,015.00.
- a6. U. S. Atomic Energy Commission, Argonne, Illinois, High Energy Physics Studies (to be known as U. S. Atomic Energy Commission Project No. 2116 - Mod. #4 - and Project No. 2116-A - Mod. #4 - Department of Physics).
Gross Value - \$280,000.00.
- a7. Department of Interior, Washington, D. C., Endocrine Response to DDT and Social Stress in the Male Mallard Duck (to be known as Department of Interior Project No. 2222 - Amend. #1 - College of Biological Sciences - Entomology).
Gross Value - \$1,000.00.
- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures of the Antigenicity of Mycoplasma pneumoniae Vaccines (to be known as National Institutes of Health Project No. 2356 - Mod. #4 - Department of Medical Microbiology).
Gross Value - \$70,000.00.
- a9. U. S. Army Missile Command, Redstone Arsenal, Alabama, Land Combat Models (to be known as U. S. Army Missile Command Project No. 2376 - Mod. #5 - Department of Industrial Engineering).
Gross Value - \$78,447.00.
- a10. U. S. Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineer Sciences (to be known as Aeronautical Systems Division Project No. 2443 - Amend. #8 - Research Foundation).
Gross Value - \$90,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- a11. U. S. Atomic Energy Commission, Argonne, Illinois, A Study of the Control of the Levels of Enzymes of Arginine Biosynthesis in Higher Plant Cells (to be known as U. S. Atomic Energy Commission Project No. 2560-A - Mod. #1 - College of Biological Sciences - Organismic and Developmental Biology).
Gross Value - \$18,800.00.
- a12. U. S. Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Stress Corrosion Cracking of Metallic Materials (to be known as Aeronautical Systems Division Project No. 2737 - New - Department of Metallurgical Engineering).
Gross Value - \$150,000.00.
- a13. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Identification, Isolation and Culture of Mites (to be known as National Institutes of Health Project No. 2740 - New - College of Biological Sciences - Entomology).
Gross Value - \$30,000.00.
- a14. Department of Navy, Office of Naval Research, Washington, D. C., Method to Produce Pictures With Acoustic Energy (to be known as Office of Naval Research Project No. 2741 - New - Department of Welding Engineering).
Gross Value - \$30,000.00.
- a15. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Antennas With Solid State Circuitry (to be known as Aeronautical Systems Division Project No. 2744 - New - Department of Electrical Engineering).
Gross Value - \$65,000.00.
- a16. U. S. Army Research Office - Durham, Durham, North Carolina, An Investigation of Chemically Assisted Lasers (to be known as U. S. Army Research Office - Durham Project No. 2745 - New - Department of Electrical Engineering).
Gross Value - \$19,806.00.
- a17. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Propagation of Electromagnetic Waves Through Plasma (to be known as Aeronautical Systems Division Project No. 2748 - New - Department of Electrical Engineering).
Gross Value - \$80,000.00.

February 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- a18. Headquarters Aeronautical Chart and Information Center, St. Louis, Missouri, The Graphical Representation of Gravity Anomaly Data (to be known as Headquarters Aeronautical Chart and Information Center Project No. 2754 - New - Department of Geodetic Science).
Gross Value - \$9,115.00.
- a19. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Experimental and Theoretical Investigations in the Area of Artificial Turbulence Generation in Supersonic and Hypersonic Wind Tunnels (to be known as Aeronautical Systems Division Project No. 2756 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$75,000.00.
- a20. U. S. Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Parametric Devices (to be known as Aeronautical Systems Division Project No. 2757 - New - Department of Electrical Engineering).
Gross Value - \$60,000.00.
- a21. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Histological Research on the Inner Ear (to be known as Aeronautical Systems Division Project No. 2763 - New - Department of Otolaryngology).
Gross Value - \$15,000.00.

TOTAL - Government Research Contracts - Federal \$1,403,838.00

2. Government Research Contract - State

- a1. State of Ohio, Department of Highways, Columbus, Ohio, Advanced Photogrammetric Techniques for Interchange Geometric Design and Stakeout (to be known as State of Ohio, Department of Highways Project No. 2417 - Agreement No. 1629A - Department of Geodetic Science).
Gross Value - \$1,986.00.

3. Industrial and Other Research Contracts

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, U. S. A. (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C575142 and C573756 - Department of Surgery).
Gross Value - \$2,274.50.

February 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Industrial and Other Research Contracts (continued)

- a2. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, U. S. A. (to be known as The Regents of the University of Wisconsin Project No. 1395 - Check No. C578543 - Department of Surgery).
Gross Value - \$373.00.
- a3. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Joining of Uranium and Refractory Materials for Nuclear Manufacturing (to be known as Union Carbide Corporation Project No. 2199-A - Amend. #5 - Department of Welding Engineering).
Gross Value - \$30,621.00.
- a4. Reaction Dynamics, Inc., Chicago, Illinois, Transonic Auto Tests (to be known as Reaction Dynamics, Inc., Project No. 2764 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$12,900.00.

TOTAL - Industrial and Other Research Contracts \$46,168.50

4. Government Research Grants - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on Larval and Adult Mosquitoes (to be known as National Institutes of Health Project No. 702-L - Ext. #12 - College of Biological Sciences - Entomology).
Gross Value - \$22,071.00.
- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Comparative Biochemistry of Normal and Diseased Heart (to be known as National Institutes of Health Project No. 1100-G - Ext. #7 - Department of Surgery).
Gross Value - \$45,208.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute General Medical Sciences, Bethesda, Maryland, Lipoproteins and Cellular Organization (to be known as National Institutes of Health Project No. 1404-G - Ext. #7 - Department of Physiological Chemistry).
Gross Value - \$30,140.00.

February 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Characterization in Hemolytic Anemias (to be known as National Institutes of Health Project No. 1634-E - Ext. #5 - Department of Physiological Chemistry).
Gross Value - \$25,626.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Research Support Grant (to be known as National Institutes of Health Project No. 1775-E - Ext. #5 - College of Dentistry).
Gross Value - \$41,358.00.
- a6. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Separation of Carcinogenic Compounds (to be known as National Institutes of Health Project No. 1809-D - Ext. #5 - Department of Chemistry).
Gross Value - \$20,714.00.
- a7. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Neuroendocrine Mechanisms Controlling Organ Profusion (to be known as National Institutes of Health Project No. 1882-D - Ext. #4 - Department of Psychiatry).
Gross Value - \$12,175.00.
- a8. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Hypothesis Behavior in Concept Identification (to be known as National Institutes of Mental Health Project No. 2166-C - Ext. #3 - Department of Psychology).
Gross Value - \$23,286.00.
- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as National Institutes of Health Project No. 2308-B - Ext. #2 - Department of Physiology).
Gross Value - \$20,608.00.

February 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- a10. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on in vivo Growth of Staphylococci (to be known as National Institutes of Health Project No. 2330-B - Ext. #2 - Department of Medical Microbiology).
Gross Value - \$25,074.00.
- a11. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Drug-Organism Interactions (to be known as National Institutes of Health Project No. 2370-B - Ext. #2 - Department of Physiological Chemistry).
Gross Value - \$8,441.00.
- a12. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Coronary Circulation and Myocardial Function (to be known as National Institutes of Health Project No. 2375-B - Ext. #2 - Department of Surgery).
Gross Value - \$21,135.00.
- a13. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Research Support Grant (to be known as National Institutes of Health Project No. 2390-B - Ext. #2 - College of Pharmacy).
Gross Value - \$35,516.00.
- a14. National Aeronautics and Space Administration, Washington, D. C., Techniques for Generation of Control and Guidance Signals Derived from Optical Fields (to be known as National Aeronautics and Space Administration Project No. 2421 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$33,593.00.
- a15. National Aeronautics and Space Administration, Washington, D. C., Data Analysis of Geodetic Satellite (to be known as National Aeronautics and Space Administration Project No. 2514 - Sup. #1 - Department of Geodetic Science).
Gross Value - \$65,243.00.

February 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- a16. U. S. Office of Education, Washington, D. C., The Efficacy of Home Economics Courses Designed to Prepare Disadvantaged Pupils for Their Homemaker-Family Member Role and the Dual Roles of Homemaker and Wage Earner, Part C (to be known as U. S. Office of Education Project No. 2522 - Mod. #1 - School of Home Economics).
Gross Value - \$27,681.00.
- a17. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Role of Biliary Phospholipids in Gallstone Formation (to be known as National Institutes of Health Project No. 2599-A - Ext. #1 - Department of Surgery).
Gross Value - \$26,498.00.
- a18. Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Cognitive Approach to the Assessment of Esthetic Response (The Structure of Esthetic Responses) (to be known as Office of Education Project No. 2729 - New - Department of Psychology).
Gross Value - \$12,455.00.
- a19. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Fellowship Supply Allowance Grant (to be known as National Institutes of Health Project No. 2742 - New - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- a20. National Science Foundation, Washington, D. C., Liquid HE³ - HE⁴ Mixtures at Low Temperatures (to be known as National Science Foundation Project No. 2746 - New - Department of Physics).
Gross Value - \$77,100.00.
- a21. National Science Foundation, Washington, D. C., Radio Astronomy (to be known as National Science Foundation Project No. 2747 - New - Department of Electrical Engineering).
Gross Value - \$195,000.00.
- a22. National Science Foundation, Washington, D. C., Collaborative Research on Interpersonal Perception and Behavior Prediction (to be known as National Science Foundation Project No. 2749 - New - Department of Psychology).
Gross Value - \$48,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- a23. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Evaluation and Use of Frozen Stored Skin Grafts (to be known as National Institutes of Health Project No. 2750 - New - Department of Surgery).
Gross Value - \$19,340.00.
- a24. National Science Foundation, Washington, D. C., Analysis of Miwok Languages (to be known as National Science Foundation Project No. 2752 - New - Department of Linguistics).
Gross Value - \$13,800.00.
- a25. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Ephedrine Tachyphylaxis (to be known as National Institutes of Health Project No. 2753 - New - College of Pharmacy).
Gross Value - \$10,465.00.
- a26. National Science Foundation, Washington, D. C., Transport Phenomena at Liquid Metal-Vapor Interface Using Radioactive Tracers (to be known as National Science Foundation Project No. 2755 - New - Department of Chemical Engineering).
Gross Value - \$14,700.00.
- a27. National Science Foundation, Washington, D. C., Nuclear Physics Research With a 5.5 MeV Van de Graaff Accelerator (to be known as National Science Foundation Project No. 2759 - New - Department of Physics).
Gross Value - \$189,000.00.
- a28. Air Force Office of Scientific Research, Arlington, Virginia, Research on Rotating R-F Field Plasma (to be known as Air Force Office of Scientific Research Project No. 2760 - New - Department of Physics).
Gross Value - \$46,933.00.
- a29. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Pathology of Thyrocalcitonin Allied Disease (to be known as National Institutes of Health Project No. 2766 - New - Department of Veterinary Pathology).
Gross Value - \$29,237.00.

February 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- a30. Headquarters, Air Force Office of Scientific Research, Arlington, Virginia, Information Processing for Target Detection and Identification (to be known as Air Force Office of Scientific Research Project No. 2768 - New - Department of Electrical Engineering). Gross Value - \$39,886.00.
- a31. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, An Ocular Fundus Anomaly (to be known as National Institutes of Health Project No. 2771 - New - Department of Veterinary Medicine). Gross Value - \$62,576.00.

TOTAL - Government Research Grants - Federal \$1,243,859.00

5. Industrial and Other Research Grants

- a1. The Deafness Research Foundation, New York, New York, Acquired Cholesteatoma (to be known as The Deafness Research Foundation Project No. 2580-A - Ext. #1 - Department of Otolaryngology). Gross Value - \$8,566.00.
- a2. Merck and Co., Inc., Rahway, New Jersey, Scientific Activities (to be known as Merck and Co., Inc., Project No. 2743 - New - Department of Chemistry). Gross Value - \$1,000.00.

TOTAL - Industrial and Other Research Grants \$9,566.00

The foregoing fifty-nine contracts and grants for research in cooperation with Government, Industry and Other represent a gross income of \$2,705,417.50.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous roll call vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from November 26, 1968 through January 28, 1969, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and record.

February 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

1. Government Research Contracts

EES 276X Ext. #2	An Investigation of Highway Automation, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$170,873.00.
EES 308X Ext. #1	Reflective Characteristics of Pavement Surfaces, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$8,940.00.
EES 312X Ext. #1	Slope Stability of Residual Clay Soils of Southeastern Ohio, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$2,400.00.

TOTAL - Government Research Contracts \$182,213.00

2. Industrial Research Contract

EES 325X	Study Grant to Determine Energy Requirements for Heating and Cooling Buildings, American Society of Heating, Refrigerating and Air Conditioning Engineers Incorporated, New York, New York. Gross Value - \$14,230.00.
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The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$196,443.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since December 12, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$3,600,000.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Washington, D. C. 20201, to the University for construction of University-Affiliated Facilities for the Mentally Retarded. This grant is made under Title I, Part B, P. L. 88-164, as amended. (Grant No. 1 J04 MR 00258-01)

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

2. \$1,228,072.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "A Continuation of the Center for Research and Leadership Development in Vocational and Technical Education," under the direction of the Center for Vocational and Technical Education, for the period extending through June 30, 1969. (Grant No. OEG-3-7-000158-2037)
3. \$418,187.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support Grant," under the direction of the College of Medicine, for the period January 1, 1969 through December 31, 1969. (Grant No. 5 S01 FR05409-08)
4. \$354,997.00 granted by U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Procurement and Equipment Branch, Washington, D. C. 20250, to the University for the development of a training course and conducting classroom instruction for non-professional meat processing inspector trainees. This program is under the direction of the Departments of Veterinary Preventive Medicine and Animal Science. (Contract No. 12-25-400-64)
5. \$316,000.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the College Work-Study Program, for the period January 1, 1969 through June 30, 1969. (Transaction Award No. 05198461)
6. \$129,369.00 granted by Department of Health, Education and Welfare, Regional Office, 226 West Jackson Boulevard, Chicago, Illinois 60606, to the University for the construction of University College Building No. 1. This grant is made under Title I of the Higher Education Facilities Act. (Total grant to date \$184,812.00.) (Project No. 4-5-00403-0)
7. \$95,610.00 granted by Department of Health, Education and Welfare, Regional Office, 433 West Van Buren Street, Chicago, Illinois 60607, to the University for the construction of the Humanities-Language Building. This grant is made under Title I of the Higher Education Facilities Act. (Total grant to date \$182,412.00.) (Project No. 4-5-00245-1)
8. \$93,494.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute in Mathematics for Secondary School Teachers, 1969," under the direction of the Department of Mathematics. This grant terminates on September 30, 1969. (GW-3795)

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

9. \$58,393.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of "Medical Cardiology - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T12 HE05786-02)
10. \$51,965.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute in Science for Secondary School Teachers, 1969," under the direction of the College of Education. This grant terminates on September 30, 1969. (GW-3796)
11. \$48,351.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute in Geology for Secondary School Teachers, 1969," under the direction of the Department of Geology. This grant terminates September 30, 1969. (GW-3794)
12. \$41,180.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute for College Teachers in Biological Sciences," under the direction of the College of Biological Sciences - Organismic and Developmental Biology Academic Faculty. This grant terminates September 30, 1969. (GY-5453)
13. \$34,770.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Summer Institute for College Teachers in Quantitative Methods in Geography," under the direction of the Department of Geography. This grant terminates September 30, 1969. (GY-5448)
14. \$30,581.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Student Science Training Program (Pre-College)," under the direction of the Department of Mathematics. This grant terminates on October 31, 1969. (GW-3965)
15. \$26,250.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Cooperative College-School Science Program," under the direction of the Department of Geology. This grant terminates on June 30, 1970. (GW-4084)
16. \$20,889.00 granted by Department of Health, Education and Welfare, Regional Office, Region V, 226 West Jackson Boulevard, Chicago, Illinois 60606, to the University for support of the construction of Electronics Laboratories. This grant is made under Title I of the Higher Education Facilities Act. (Total grant to date \$41,778.00.) (Project No. 4-5-00421-0)

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

17. \$20,550.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the Department of Chemistry. This grant terminates on October 31, 1969. (GY-6140)
18. \$17,383.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Student Science Training Program (Pre-College)," under the direction of the College of Engineering. This grant terminates on October 31, 1969. (GW-4009)
19. \$14,400.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of "Medical Student Apprenticeship Training," under the direction of the Department of Preventive Medicine, for the period March 1, 1969 through February 28, 1970. (Grant No. AT-209-02-69)
20. \$13,800.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the College of Pharmacy. This grant terminates on July 31, 1970. (GY-6049)
21. \$12,500.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the Department of Physics. This grant terminates on October 31, 1969. (GY-6044)
22. \$10,000.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of "Undergraduate Research Participation," under the direction of the Department of Economics. This grant terminates on July 31, 1970. (GY-6119)
23. \$10,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of "Fellowship Program in Reading," under the direction of the College of Education, for the period December 23, 1968 through June 15, 1969. (Grant No. OEG-0-9-450667-2279-721)
24. \$10,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of "Advanced Preparation for Trainers of Prospective French Teachers," under the direction of the College of Education, for the period December 6, 1968 through June 15, 1969. (Grant No. OEG-0-9-450633-2225-725)
25. \$10,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of "Proposed Renewal of the Experienced Teacher Fellowship Program: Curriculum in Art Education," under the direction of the College of The Arts - Division of Art, for the period December 6, 1968 through June 15, 1969. (Grant No. OEG-0-9-450663-2001-721)

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

26. \$9,200.00 granted by National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Marshall Space Flight Center, Alabama 35807, to the University for support of "Educational Training Courses," under the direction of the College of Administrative Science - Division of Continuing Education. (Contract No. NAS8-22459)
27. \$7,300.00 granted by University of Alabama, Huntsville Campus, Huntsville, Alabama 35807, to the University for development and presentation of a short course, "Truth in Negotiations Act (Public Law 87-653)," under the direction of the College of Administrative Science - Division of Continuing Education.

TOTAL - Administered Through the Office of Business and Finance
\$6,683,241.00

B. Received Through The Ohio State University Development Fund

1. \$120,000.00 in securities from Everett D. Reese for the Everett D. Reese Chair of Banking and Monetary Economics.
2. \$100,000.00 from the Dorothy H. and Lewis Rosenstiel Foundation, New York, New York, for the Presidents Club Special Fund.
3. \$30,000.00 from E. I. du Pont de Nemours & Company, Wilmington, Delaware 19898, for the Du Pont Science and Engineering Grants for 1969--\$20,000.00 for the Department of Chemistry, \$5,000.00 for the Department of Chemical Engineering and \$5,000.00 for the Department of Metallurgy.
4. \$25,000.00 from the Estate of Hazel L. Stephenson, Detroit, Michigan, to establish a fund to be used for scholarship house purposes.
5. \$21,138.00 from Bell Telephone Laboratories for the Bell Telephone Teaching and Research Fund.
6. \$19,955.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
7. \$19,100.00 from General Motors Corporation--\$16,100.00 for the General Motors Corporation Scholarship Fund and \$3,000.00 for the Department of Metallurgical Engineering Equipment and Travel Fund.
8. \$17,975.00 in securities from Mr. Robert Goodsell (deceased) for the establishment of the Goodsell Family Memorial Scholarship Fund.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

8. (continued)

Goodsell Family Memorial Scholarship Fund

The Goodsell Family Memorial Scholarship Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Robert E. Goodsell, Arts w'24, Kenton, Ohio, in his memory and that of his sister, Ruth Goodsell Fischer (Mrs. Elton); and his brothers, Ralph B. Goodsell, B.Sc. in Bus. Adm. '32, and Ronald DeCourcy Goodsell, B.Sc. Phar. '28.

This gift is to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually to provide one or more scholarships to graduates of Kenton (Ohio) High School. First preference is to be given to students enrolled in the School of Music. If there are no applicants from Kenton High School who are enrolled in the School of Music, then the scholarship or scholarships may be awarded to one or more students from Kenton High School who are enrolled in any other academic unit of the University. Selection of the student or students is to be made by the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the School of Music cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

9. \$15,277.91 from Dr. William H. Havener--\$10,277.91 for the Ophthalmologic Center Fund and \$5,000.00 for the Ophthalmology Teaching Fund.
10. \$13,000.00 from Mr. Andrew S. Iddings, Dayton, Ohio, for the establishment of the Andrew S. Iddings Fund for College of Law.

Andrew S. Iddings Fund for College of Law

The Andrew S. Iddings Fund for College of Law was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Andrew S. Iddings, Dayton, Ohio.

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

10. Andrew S. Iddings Fund for College of Law (continued)

The principal is to be invested in accordance with the rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used for the benefit of the College of Law as determined by the Dean of said College.

In the event that the College of Law as it now exists should be altered in any reorganization of University colleges, schools and departments, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

11. \$12,500.00 from Mr. Albert T. Koren, St. Petersburg, Florida, for the establishment of the Joseph and Margaret Koren Memorial Scholarship Fund.

Joseph and Margaret Koren Memorial Scholarship Fund

The Joseph and Margaret Koren Memorial Scholarship Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Albert T. Koren, St. Petersburg, Florida, in memory of his father and mother, Joseph and Margaret Koren.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually to provide one or more scholarships to students enrolled at the University, with preference being given to students attending from southeastern Ohio. Selection of the student or students is to be made upon the recommendations of the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

12. \$12,500.00 from Mr. J. D. Lawson, Kansas City, Missouri, and friends for the establishment of the Dr. Phillippe Reed Lawson Memorial Student Aid Fund.

Dr. Phillippe Reed Lawson Memorial Student Aid Fund

The Dr. Phillippe Reed Lawson Memorial Student Aid Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. J. D. Lawson, Kansas City, Missouri, and friends, in memory of Mr. Lawson's son, Dr. Phillippe Reed Lawson, former member of The Ohio State University faculty for a period of ten years preceding his death on October 31, 1967, at which time he was a professor in the Department of Psychology.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for loans or scholarships to deserving students, with preference being given to those enrolled in the field of psychology. Selection of the student or students is to be made upon the recommendations of the University Scholarship and Loan Committee.

Should the need for these loans or scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for loans and scholarships.

13. \$12,000.00 from Vick Chemical Company, Philadelphia, Pennsylvania, for the Self-Medication Study Fund in the College of Pharmacy.
14. \$10,087.50 from M. Wilson McConnell, Coshocton, Ohio, for the Presidents Club Special Fund.
15. \$10,000.00 from American Dairy Association, Chicago, Illinois, for the American Dairy Association Research Fund.
16. \$10,000.00 from Grant Hospital, Columbus, Ohio, for the College of Medicine Emergency Fund.
17. \$10,000.00 from C. R. Porthouse Charitable Trust, [In the name of Jacqueline S. (Mrs. J. David) Porthouse], for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.
18. \$7,549.60 from Dispatch Charities, Inc., for the Robert K. Barton Memorial Fund.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

19. \$7,250.00 from Emerson E. Evans, Gallipolis, Ohio, for the Emerson E. Evans Fund.
20. \$6,500.00 from Cooper-Bessemer Company--\$3,250.00 for the Cooper-Bessemer Engineering Scholarship Fund and \$3,250.00 for the Faculty Merit Award Fund.
21. \$6,000.00 from National Machinery Foundation, Inc., (In the names of Mr. and Mrs. Robert G. Friedman), for the National Machinery Foundation Fund for Mechanical Engineering.
22. \$5,876.00 from John W. Paynter for the John W. and Elizabeth Williams Paynter Scholarship Fund.
23. \$5,500.00 from National Steel Corporation, Weirton, West Virginia, for the National Steel Fellowship in Metallurgical Engineering.
24. \$5,000.00 from Standard Oil (Indiana) Foundation, Inc., Chicago, Illinois--\$3,000.00 for Distinguished Teacher Awards and \$2,000.00 for the President's Special Fund.
25. \$5,000.00 from Manor Real Estate Company, Philadelphia, Pennsylvania, for the John W. Bricker Professorship in the College of Law.
26. \$5,000.00 from Ohio Contractors Association, Columbus, Ohio, for a Professorship in Construction Engineering.
27. \$5,000.00 from the Cleveland Browns, Inc., Cleveland, Ohio, for the establishment of the Lou Groza Scholarship Fund.

Lou Groza Scholarship Fund

The Lou Groza Scholarship Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Cleveland Browns, Inc., Cleveland, Ohio, in honor of Lou Groza, B.Sc.Bus. Adm. '49, Berea, Ohio, upon the occasion of the retirement of his Cleveland Browns football jersey No. 76, and in recognition of his years as a Cleveland Browns player.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually to provide one scholarship to an outstanding student. The selection of the recipient of this scholarship is to be made upon the recommendation of the University Scholarship Committee.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

27. Lou Groza Scholarship Fund (continued)

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

28. \$5,000.00 from Mr. Charles L. Seelbach, Worthington, Ohio, for the establishment of the Seelbach Family Fund.

Seelbach Family Fund

The Seelbach Family Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Charles L. Seelbach, B.I.E. '32, Worthington, Ohio.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually at the discretion of the Chairman of the Department of Industrial Engineering for this Department.

Should the need for this income cease to exist or so diminish as to provide unused income, or should the Department of Industrial Engineering cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for industrial engineering.

29. \$4,920.00 in securities from Taine G. McDougal, Somerset Bridge, Bermuda, for the establishment of the Taine G. McDougal Engineering Professorship Endowment Fund.

Taine G. McDougal Engineering Professorship Endowment Fund

The Taine G. McDougal Engineering Professorship Endowment Fund was established February 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Taine G. McDougal, Cer. Engr. '11, Somerset Bridge, Bermuda.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

29. Taine G. McDougal Engineering Professorship Endowment Fund
(continued)

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until said annual income equals \$5,000 per year, at which time the income is to be used annually to support a Professorship in the College of Engineering. The specific academic field or department in which the appointment of the professor is to be made is left entirely to the discretion of the Dean of said College.

Should the need for this income cease to exist or so diminish as to provide unused income, or should the College of Engineering cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

30. \$4,525.00 from Mrs. Lena Champ Diemer for the Ophthalmologic Center Fund.
31. \$4,500.00 from Champion Spark Plug Company, Detroit, Michigan, for the Champion Spark Plug Company Fellowship in Ceramic Engineering.
32. \$4,000.00 from Esso Education Foundation for the Esso Graduate Fellowship in Chemical Engineering.
33. \$4,000.00 from Phillips Petroleum Company for the Phillips Petroleum Company Fellowship Fund.
34. \$3,658.30 from Florence Poston Carlin, (In the names of David P. and Philip E. Carlin), for the Oscar E., Florence P., Philip E. and David P. Carlin Scholarship Fund.
35. \$3,658.31 from Oscar E. Carlin, (In the names of David P. and Philip E. Carlin), for the Oscar E., Florence P., Philip E. and David P. Carlin Scholarship Fund.
36. \$3,500.00 from the Arline and Thomas Patton Foundation, (In the name of Thomas F. Patton)--\$2,000.00 for the Thomas F. Patton Fund for College of Law and \$1,500.00 for the Novice G. Fawcett Professorship in Educational Administration.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

37. \$3,500.00 from Nationwide Foundation for the Nationwide Foundation Fellowship Fund for Industrial Engineering.
38. \$3,250.00 from Lederle Laboratories for the Schering Corporation Allergy Research Fund.
39. \$3,000.00 from Columbus Jewish Welfare Foundation, (In the name of Mrs. Sarah M. Beckman), for the Theodore N. Beckman Fund for Research in Marketing.
40. \$3,000.00 from Miss Irene D. Hirsch for the Crime and Delinquency Research Fund under the direction of Walter Reckless.
41. \$3,000.00 from Charles Pfizer & Company, Inc., for the Infectious Disease Research Fund.
42. \$2,800.00 from Paul G. Benedum for the Presidents Club Special Fund.
43. \$2,550.00 from John D. Drinko for the John W. Bricker Professorship in the College of Law.
44. \$2,500.00 from TRW Foundation, Cleveland, Ohio, for the TRW Foundation Fund - Welding Engineering.
45. \$2,500.00 from Forging Industry Educational and Research Foundation, (In the names of David E. Tilton, Earl M. Tilton, Mrs. Ann T. King and Mrs. Martha T. Reissig)--\$1,250.00 for the Earl M. Tilton Professorship in Mechanical Metallurgy and \$1,250.00 for the FIE&R Foundation Fund.
46. \$2,304.69 from J. B. Nordholt, Jr., for the John B. Nordholt Memorial Scholarship Fund.
47. \$2,281.25 from James Shelby Nordholt for the John B. Nordholt Memorial Scholarship Fund.
48. \$2,274.50 from Dr. Robert H. Magnuson for the Ophthalmologic Center Fund.
49. \$2,272.81 from Harvey S. Firestone, Jr., for the Special Projects Fund.
50. \$2,000.00 from Mrs. Lillian Zinn Cooperrider for the James Harvey Zinn Memorial Loan Foundation.
51. \$2,000.00 from Henry G. Schmidt for the Ottawa Club Fund.
52. \$1,800.00 from Norton Company, Worcester, Massachusetts, for the Norton Fellowship in Refractories Engineering.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

53. \$1,500.00 from Max M. and Marjorie S. Fisher for the Max M. Fisher Fund.
54. \$1,500.00 from Owens-Corning Fiberglas Corporation for the Owens-Corning Fiberglas Engineering Scholarship Fund.
55. \$1,500.00 from Wendell D. Postle, D.D.S., for the Odontos Fund.
56. \$1,300.00 from Dr. Arthur J. Metzger for the Slag Attack Research Fund.
57. \$1,250.00 from Dr. Eldred B. Heisel for the Dermatology Research Fund.
58. \$1,210.00 from Harland T. Martin for the Agricultural Education Scholarships Fund.
59. \$1,200.00 from The Henry Beckman Coakley Foundation for the Henry Beckman Coakley Fund.
60. \$1,200.00 from Ervin G. Bailey for the Ervin G. Bailey Fund for Engineering.
61. \$1,200.00 from James R. Riley, Columbus, Ohio, for the James R. Riley Professorship of Transportation and Business Logistics.
62. \$1,179.75 from Dr. Noel Wayne Hiatt for the College of Dentistry Centennial Fund.
63. \$1,056.00 from Mr. Alan B. Loop for the College of Law Student Financial Aids Fund.
64. \$1,041.20 from Mr. William K. Westwater for the Hugh E. Nesbitt Memorial Fund.
65. \$1,040.25 from Hazel Zeller Nesbitt for the Presidents Club Special Fund.
66. \$1,000.00 from Raymond Q. Armington Ten-Year Trust, (In the name of Raymond Q. Armington), for the Raymond Q. Armington Fund for Engineering.
67. \$1,000.00 from John W. Bricker, Columbus, Ohio, for the Novice G. Fawcett Professorship in Educational Administration.
68. \$1,000.00 from C. I. E., Inc., (In the name of John D. Drinko), for the John W. Bricker Professorship in the College of Law.

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

69. \$1,000.00 from Cleveland Institute of Electronics, (In the name of John D. Drinko), for the John W. Bricker Professorship in the College of Law.
70. \$1,000.00 from John Dana Cole for the John Dana Cole Fund.
71. \$1,000.00 from The Corrugated Container Company, (In the name of Samuel S. Davis), for the Corrugated Container Company Fund.
72. \$1,000.00 from James J. Cromer, D.D.S., for the College of Dentistry Centennial Fund.
73. \$1,000.00 from Gates, McDonald & Company, (In the name of Donald C. Chapman), for the Donald C. Chapman Fund.
74. \$1,000.00 from Dr. William A. Hammond for the William A. Hammond Lectureship Fund.
75. \$1,000.00 from The Heer Foundation, (In the name of Walter F. Heer), Columbus, Ohio--\$500.00 for the Operation Eye Research Fund and \$500.00 for the Student Athlete Grant-in-Aid Fund.
76. \$1,000.00 from J. F. Jelenko & Company, Inc., (In memory of Rena M. Jelenko in the name of Jesse F. Jelenko, Jr.), for the Jesse Jelenko, Jr., Dental Student Loan Fund.
77. \$1,000.00 from C. Gordon Jelliffe as an unrestricted gift to the University.
78. \$1,000.00 from Howard E. LeFevre for the Howard E. and Catherine Bonner LeFevre Scholarship Fund.
79. \$1,000.00 from the Licklider Foundation, (In the name of Ralph S. Licklider), for the Ralph S. Licklider Family Fund.
80. \$1,000.00 from Harry S. Littman for the John S. Knight Fund.
81. \$1,000.00 from Mary McGaughy Love (Mrs. John G.) for the Charles Austin Doan Fund.
82. \$1,000.00 from Carl B. Marquand for the Carl B. Marquand Fund for Continuing Education Center.
83. \$1,000.00 from J. Paul McNamara for the Gertrude Saylor McNamara Memorial Fund.
84. \$1,000.00 from The Millard Foundation, (In the name of Millard M. Cummins), for the Ophthalmologic Center Fund.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

85. \$1,000.00 from the Ohio Society of Certified Public Accountants Foundation, Columbus, Ohio, for the Ohio Society of Certified Public Accountants Foundation Scholarship Fund.
86. \$1,000.00 from Clarence "Red" S. Ohsner for the Presidents Club Special Fund.
87. \$1,000.00 from Dr. Claude S. Perry for the Ophthalmologic Center Fund.
88. \$1,000.00 from J. B. Poindexter, Jr., D.D.S., for the College of Dentistry Centennial Fund.
89. \$1,000.00 from Donald C. Power for the Donald C. Power Fund for the College of Law.
90. \$1,000.00 from The Procter & Gamble Company for the Marching Band Fund.
91. \$1,000.00 from Programmed Education, Inc., (In the name of John D. Drinko), for the John W. Bricker Professorship in the College of Law.
92. \$1,000.00 from Robert W. Setterlin & Sons Company, (In the name of Ralph F. Setterlin, Sr.), for the Ralph F. Setterlin, Sr., Fund.
93. \$1,000.00 from Frederick Stecker for the Presidents Club Special Fund.
94. \$1,000.00 from Dr. William R. Wallace for the College of Dentistry Centennial Fund.
95. \$1,000.00 from Harold F. Wherley, M.D., for the Ophthalmologic Center Fund.
96. \$1,000.00 from E. J. Will & Company, (In the name of Edwin J. Will), for the Presidents Club Special Fund.
97. \$1,000.00 from Wodencroft Foundation, (In the name of Roger Drackett), for the Presidents Club Special Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$644,181.07

C. Gifts-in-Kind

1. A gift of equipment from Crumman Aircraft Engineering Corporation, Bethpage, New York, for use in the Department of Welding Engineering.

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind (continued)

- 2. Articles of clothing from Mr. Harvey S. Firestone, Jr., Akron, Ohio, for use in the School of Home Economics.
- 3. Reference books from Gale Research Fund, Detroit, Michigan, for The Ohio State University Libraries.
- 4. A Digital Frequency Meter, Frequency Multiplier and Frequency Converter from General Radio Company for use in the Department of Electrical Engineering.
- 5. Several cutting tools from Elliott Morganstern for use in the Department of Industrial Engineering.
- 6. A 1947 I. L. S. Metallograph from Owens-Corning Fiberglas Corporation, Granville, Ohio, for use in the Department of Metallurgical Engineering.
- 7. Several Thurber literary materials from Mrs. James Thurber for The Ohio State University Libraries.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous roll call vote, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Report from The Ohio State University Development Fund

1. Month of November, 1968

In November, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,809	\$ 77,067.68
Individuals other than alumni	75	32,020.50
Nonprofit organizations	18	29,802.69
Business concerns	11	58,902.84
	<u>2,913</u>	<u>\$ 197,793.71</u>

Of these gifts, 2,266 totaling \$17,840.36 were undesignated and 647 totaling \$179,953.35 were designated.

2. Month of December, 1968

In December, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

February 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund (continued)

2. Month of December, 1968 (continued)

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	4,762	\$ 208,177.52
Individuals other than alumni	184	119,531.24
Nonprofit organizations	41	167,439.84
Business concerns	45	95,834.04
	<u>5,032</u>	<u>\$ 590,982.64</u>

Of these gifts, 3,686 totaling \$36,723.26 were undesignated and 1,346 totaling \$554,259.38 were designated.

3. Annual Report, 1968

The totals for the calendar year 1968, January 1 to December 31, inclusive, were as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	32,161	\$1,123,109.35
Individuals other than alumni	1,534	421,103.25
Nonprofit organizations	477	1,220,370.86
Business concerns	404	657,410.09
	<u>34,576</u>	<u>\$3,421,993.55</u>

Of these gifts, 24,945 totaling \$232,847.35 were undesignated and 9,631 totaling \$3,189,146.20 were designated.

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V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Physics and Astronomy Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,891,612.00	\$2,910,100.68	\$18,488.68

February 13, 1969 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS (continued)

B. Pharmacy Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,867,926.00	\$2,895,192.77	\$27,266.77

C. Marion Branch Campus

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,531,387.50	\$1,572,655.88	\$41,268.38

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials and estimates of cost for the following projects be approved by the Board of Trustees:

A. McCracken Power Plant - Addition to Primary Distribution System

The electrical load in existing central campus buildings is increasing at such a rate that higher capacity is required. This capacity is being achieved by a transfer of power from the 13 KV system to the 4.16 KV system.

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 Primary Electrical Distribution System.

B. West Substation Transfer

The feeder system for the West Campus buildings needs revision to provide relief for the increased central campus electrical load. This project permits the West Campus buildings to be served from a 13 KV utility line augmenting the present system.

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 Primary Electrical Distribution System.

February 13, 1969 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

C. Elevator Modernization

This project will replace or repair elevator units as required to eliminate unreliable operations and unsafe conditions that exist on the units in Cockins Hall, Men's Physical Education Building, Oxley Hall and William Oxley Thompson Memorial Library.

Funds for this project will be provided from Budget Account 124358 Contract Repair.

D. Lighting Improvements - 12th and 19th Avenues

This project will replace the existing lighting system with new underground wiring, new aluminum poles and mercury luminaries.

Funds for this project will be provided from Budget Account 124358 Contract Repair.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 7 Approves the transfer of \$76,000.00 from Item 315-018 to a new account Item 315-063 Lima Technical Building and release of \$52,750.00 for architects fees and related expenses.
- 8 Approves the release of \$350,000.00 from Item 315-028 for architects fees and related expenses for the project "Comparative Medical Teaching and Research Facility."

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Lima Technical Center - Employment of Architects

President Fawcett recommended that the architectural firm of Lyman J. Strong, Lima, Ohio, be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and supervision of construction.

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Lima Technical Center - Employment of Architects (continued)

The fee for this service is estimated to be \$45,500.00 or 7 per cent of the estimated cost of construction. Funds for this project are provided from Item 315-018 (Lima Branch) and a Federal Grant.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

B. Mansfield Technical Center - Employment of Architects

President Fawcett recommended that the architectural firm of Thomas Gene Zaugg and Associates, Mansfield, Ohio, be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and supervision of construction.

The fee for this service is estimated to be \$49,000.00 or 7 per cent of the estimated cost of construction. Funds will be provided from Item 315-060 Mansfield Technical Center and an appropriation from the Board of Regents.

Upon motion of Mr. Ketterer, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote.

C. Comparative Medical Teaching and Research Facility - Employment of Architects

On December 10, 1964, the Board of Trustees approved the employment of Benham, Richards and Armstrong for the Veterinary Clinic and Animal Hospital. This project now known as Comparative Medical Teaching and Research Facility has been expanded and qualified for federal assistance. Because of the expansion of the project, President Fawcett recommended that the original contract for architectural services for the Veterinary Clinic and Animal Hospital be terminated and that the Board of Trustees approve the employment of Benham, Richards and Armstrong for the Comparative Medical Teaching and Research Facility.

Their services will include complete architectural and engineering work including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and supervision of construction.

The fee for this service is estimated to be \$418,052.00 and will be calculated on the standard fee schedule for construction cost. Funds for this project will be provided from S. B. 370, H. B. 202, H. B. 886 and a Federal Grant.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Garage and Laundry Building, Alteration of South Portion

President Fawcett recommended that the engineering firm of Ralph and Curl be employed to provide complete professional engineering services for heating, ventilating, air conditioning, plumbing and electrical work for this project including surveys, design, preparation of drawings, specifications and estimate of cost, checking shop drawings and four inspection trips to review the performance of the contractors.

The fee for this service is estimated to be \$5,950.00 or 7 per cent of the construction cost of the plumbing, heating and electrical work. If additional inspection trips are required, they will be charged for at an hourly rate of \$15 for principals, \$11 for engineers and \$8 for draftsmen. Funds have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801163 (Garage and Laundry Remodeling).

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

E. University Hospital, Remodel Intensive Care - Recovery Rooms

President Fawcett recommended that the architectural firm of Dan A. Carmichael be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and supervision of construction.

The fee for this service is estimated to be \$21,500.00 or 10 per cent of the construction cost. Funds for the project will be provided from the Hospital Rotary.

Upon motion of Dr. Thomas, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

F. Withdrawal from Dividend Reserve on Group Life Insurance

President Fawcett recommended that the Vice President for Business and Finance be authorized to make application to John Hancock Mutual Life Insurance Company for the withdrawal of \$85,000.00 from the dividend reserve account on Group Life Insurance Policy No. 1305-G in order to make expenditures for supplemental retirement benefits to our emeriti in accordance with Board action of July 10, 1959; for major medical coverage for emeriti in accordance with Board action of April 10, 1959; and death benefits as approved by action of the Board of Trustees on July 11, 1955.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

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February 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Thomas H. Langlois, Research Professor Emeritus in the Academic Faculty of Population and Environmental Biology, College of Biological Sciences; Carl Adolph Norman, Professor Emeritus in the Department of Mechanical Engineering; Perry P. Denune, Professor Emeritus in the Department of Sociology; and James R. Hopkins, Professor Emeritus and Director of the former School of Art. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Thomas H. Langlois

The Board of Trustees of The Ohio State University expresses its sorrow at the death on December 5, 1968, of Thomas H. Langlois, Research Professor Emeritus in the Academic Faculty of Population and Environmental Biology, College of Biological Sciences.

Dr. Langlois was born in Detroit, Michigan, on February 19, 1898. After serving in 1918 and 1919 as a member of the Natural Resources Council of the United States Naval Reserve, he completed his Bachelor of Science degree at the University of Michigan in 1924 and his Master of Science degree in 1925.

From 1924 to 1927 he served as the Assistant Fisheries Biologist for the Michigan State Department of Conservation. The following two years he served as State Fish Pathologist and then became Chief of the Fish Section of the Ohio State Division of Conservation and Natural Resources in 1930, a position which he held for sixteen years. In 1935, Dr. Langlois received his Doctor of Philosophy degree from The Ohio State University. The following year he served as an Assistant Professor in the Department of Animal Husbandry at Ohio State. He joined the Department of Zoology as a Professor in 1938 and remained in this position until 1956. From 1956 to 1964, Dr. Langlois served as a Research Professor. He retired in 1964 from The Ohio State University. During the period 1936 to 1956, Dr. Langlois served as Assistant Director and Director of the Franz Theodore Stone Institute of Hydrobiology at Put-in-Bay, Ohio. He also served as a member of the Board of Directors of the Research Foundation of the University.

Dr. Langlois' knowledge and ability in the field of zoology and, more specifically, in the field of fisheries, are made obvious by the responsibilities he held in administrative positions throughout his career. His accomplishments were recognized when he was made an honorary member of the Fisheries Society and later, in 1950, became President of this Society. His publications include research in social zoology, social limnology, oceanography and in ice formation on Lake Erie. As an authority on the ecology and sociology of fish, Dr. Langlois was considered outstanding in his field.

February 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Thomas H. Langlois (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Langlois its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

B. Carl Adolph Norman

The Board of Trustees of The Ohio State University expresses its sorrow at the death January 1, 1969, of Carl Adolph Norman, Professor Emeritus in the Department of Mechanical Engineering.

Professor Norman was born on January 12, 1879, in Borga, Finland. He attended the Helsingfors High School in Finland, and he earned his engineering degree at the Royal Technological Institute in Stockholm, Sweden. He also pursued graduate studies in Berlin, Munich, the University of Chicago and the University of California. He came to the United States in 1902 to practice in the field of machine design at the Jones and Laughlin Steel Company until 1907. From 1908 to 1910, he was in charge of production at the Nobel Brothers Refinery in Baku, Russia. He returned to the United States in 1912 to serve as a consulting engineer in the gas turbine field at the General Electric Company. In 1917, he joined the faculty at The Ohio State University as Professor of Machine Design in the Department of Mechanical Engineering. He developed this area of engineering education and was actively developing the area of gas turbine design at the time of his retirement in 1949.

Professor Norman was known and respected among the teachers of machine design throughout the United States and in many other countries for his widely used textbooks in this field. His first textbook was Principles of Machine Design, and his second textbook, Fundamentals of Machine Design, was written with Professor E. S. Ault and Professor I. F. Zarobsky as co-authors. In addition to these texts in machine design, he was co-author with Professor Richard H. Zimmerman (now Dean of the University College at The Ohio State University), of one of the early texts in the field of gas turbines and jet propulsion entitled, Introduction to Gas Turbines and Jet Propulsion Design. He was also the author of a number of technical papers dealing with his research in machine elements, such as belts and belt drives and he held patents on belt testing machines. He was one of the world authorities in the field of power transmission by belting.

Professor Norman had a profound interest in human problems which matched his interest in the technical world. This led him to teach, for many years, a course in human engineering which was required of all mechanical engineering undergraduates. In addition, he published a number of papers in this field.

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Carl Adolph Norman (continued)

Professor Norman was a member of several professional organizations such as the American Society of Mechanical Engineering and the American Society for Engineering Education. He was elected a Fellow of the ASME, and in 1968 was honored with the fifty-year membership award. He was also elected to membership in several honorary societies such as Sigma Xi and Tau Beta Pi.

Professor Norman's time as a consultant was in continual demand by such companies as the General Electric Company, The International Harvester Company, The Dayton Rubber Manufacturing Company, the Goodyear Tire and Rubber Company and many others. In addition, because of his great facility with a number of languages, he served as foreign editor of Automotive Abstracts for a number of years.

While Professor Norman had great talents as an engineer, his greatest accomplishment was his ability to inspire his students, not only to have them learn the technical material he was presenting, at which he was a master, but also to inspire them to think about the effects their engineering work would have on the well-being of our society. At any gathering of alumni of the Department of Mechanical Engineering where former students of Professor Norman were present, there were always discussions about the lasting impression made on them by "Pop" Norman, as he was affectionately known.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Norman its deep sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

C. Perry Perdue Denune

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 19, 1969, of Perry P. Denune, Professor Emeritus in the Department of Sociology.

Dr. Denune was born April 13, 1891, on a farm in Franklin County where he attended rural schools. He was graduated from North High School in Columbus, and subsequently enrolled at Hiram College from which he received the A.B. degree in 1917. From 1919 to 1921, he was in the grocery business. He served as a minister of the Church of Christ from 1914 to 1919. He received his M.A. and Ph.D. degrees from The Ohio State University in 1922 and 1927, respectively. Dr. Denune started his teaching career at The Ohio State University as an Assistant in 1921, becoming an Instructor in 1922, an Assistant Professor in 1928 and an Associate Professor in 1930. In 1940, he was appointed Professor of Sociology and Chairman of the Department and served in that capacity until 1950. He retired in 1951 and moved to Santa Rosa, California.

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Perry Perdue Denune (continued)

Dr. Denune was responsible for developing the program and reputation of the Department of Sociology in teaching, research and service during the crucial years of rapid expansion after World War II. His special fields of interest in Sociology were Rural and Urban Sociology, Social Welfare and the Family. Results of research in these areas were published in monographs and numerous articles in professional sociological journals and other publications. Dr. Denune's ability and accomplishments in his chosen field were recognized by his colleagues when they elected him President of the Ohio Sociological Society in 1947-48. He was also Editor of the Ohio Valley Sociologist.

A dedicated teacher in and out of the University, Dr. Denune made numerous public addresses on sociological and social welfare topics in the local community and throughout the state. He contributed expertly and generously to civic affairs serving on numerous local, state and national boards, committees and commissions, such as the Board of Directors of the Columbus Council of Social Agencies, the Children's Code Commission, the State Department of Public Welfare of Ohio and the Committee on Education for Marriage of the National Conference on Family Relations. He was President of the Franklin County Chapter of the American Red Cross in 1935, the Ohio Welfare Conference in 1935 and the Columbus Council of Social Agencies in 1937.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Denune its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

D. James R. Hopkins

The Board of Trustees of The Ohio State University expresses its sorrow at the death, January 23, 1969, of James R. Hopkins, Professor Emeritus and Director of the former School of Art.

Professor Hopkins was born May 17, 1877, in Irwin, Ohio. He began his professional training at the Art Academy of Cincinnati. There he worked under Frank Duveneck before going abroad to study. After a year in Paris he travelled around the world studying in particular the art in Italy, Egypt, Ceylon, China and Japan. Returning to Paris in 1904 he remained for ten years, exhibiting frequently at the Salon des Artistes and other important shows. He was a member of the Societe Nationale des Beaux Arts, Paris. He also sent paintings to the United States and South America, winning the Lippincott Prize at the Pennsylvania Academy in 1908 and the Bronze Medal at the Buenos Aires International Exposition of 1910. He returned to the United States in 1914 and became the head and a member of the teaching staff of the Cincinnati Art Academy where he worked with his close friend and former teacher, Frank Duveneck.

February 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

D. James R. Hopkins (continued)

In this period following his return from Europe he won the gold medal at the San Francisco Exposition of 1915; the Norman Wait Harris bronze medal at the Art Institute of Chicago, 1916; and the Thomas Clark prize at the National Academy of Design, 1920. He was designated as an Associate member of the National Academy (A. N. A.). He became especially famed for his paintings of Kentucky mountaineers at about the same time that John Fox in his American novels and Cecil Sharp in his English folk dances and music were discovering our "Contemporary Ancestors." The large canvasses "Mountain Courtship" (American Academy Award) and "Circuit Rider" (Ohio State University Collection) have become well known and appreciated for their artistic merits as well as for their intriguing subject content.

In 1923, James Hopkins accepted the position of visiting artist in residence on the Ohio State campus. He was soon appointed Head of the Department of Fine Arts and under his wise administration and executive work the rather small department grew to the status of a school having by 1947 a staff of forty and an enrollment of over seven hundred major students. His sincere interest and warm counseling, inspiring teaching and enthusiasm in art coupled with his diplomacy and executive skills became proverbial on The Ohio State University campus.

In addition to his master class in portrait painting and to his administrative duties for the School of Art, he found time for many other services, being at various times Chairman of the Athletic Board, Chairman of the Rules Committee and Chairman of the Committee on Recognition of University Staff. In addition, he was an active member of the Committee on Memorials and Gifts, the College Executive Committee, the Degree with Distinction Committee, the College Committee on Honorary Degrees and served as an unofficial advisor to the State Department of Education.

Professor Hopkins retired in 1947 and was made Professor Emeritus of Fine Arts. He received the honorary degree, Doctor of Laws, in 1948.

Professor Hopkins is represented by several portraits of University personnel on the University campus as well as many portraits in private collections. He also is represented in the collections of the Cincinnati Museum Association, the Atlanta Art Association and the Art Institute of Chicago.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Hopkins its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

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X. REPORTS

A. Report from Mr. Bricker Concerning Property Received by The Ohio State University and Request for Authorization to Sell Said Property

The Chairman, Mr. Bricker, reported that The Ohio State University has received a gift of property from the Estate of Harriet A. Paul which is located in Upper Arlington, Ohio. It was requested that this property be sold and the proceeds be paid to the University in accordance with the provisions of the donor's will.

Upon motion of Mr. Shocknessy, seconded by Dr. Thomas, the authorization for the sale of said property was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The reports dated January 20, 1969 and February 12, 1969, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the Investment Portfolio, were received and ordered to be filed with the official records of the Board of Trustees.

C. Report on Status of the Budget Requests for The Ohio State University for 1969-71

President Fawcett made the following statement:

A succinct report on the status of our budget request for 1969-71 seems to be in order, since so much has been said and written on this subject in the last several weeks and since the requests are in channel but have not yet been resolved.

As I have reported to you previously under the regulations established by the Board of Regents, the University made its budget request to the Board of Regents on August 31, 1968. This was divided into two parts: (1) A continuation budget and (2) A budget for new and improved programs.

A continuation budget by definition incorporates the necessary funds for increased costs due to inflation, 5 percent for faculty salary increases, mandated increases for non-teaching employees, all the costs that are involved in increased enrollments, the costs of operating buildings that have come on line but are not in operation during the present year and such other miscellaneous items that are essential for the operation of this University.

The new and improved programs budget is for the support of programs which have evolved out of departmental six-year studies. These programs have been screened and examined in terms of what society demands most and of what the Institution is best qualified to provide.

X. REPORTS (continued)

C. Report on Status of the Budget Requests for
The Ohio State University for 1969-71 (continued)

On January 9, 1969, the Board of Regents met and took its official action. I would like to say, first of all, that the total dollars recommended to avoid a drop in quality at our institutions constituted a figure that I felt was acceptable--it provided for a continuation budget as I have defined it and provided support for about 27 percent of the new and improved programs that we had envisioned we could develop. The sources of funds suggested in this document caused a considerable amount of concern. First, for example, there was to have been an increase of 9 percent in this University's budget which when reduced to support on a full-time equivalent basis would have meant a 3.2 percent increase per student and a new two-part fee program. The first part called for an increase in the instructional fee at Ohio State from \$135 to a maximum of \$200 per quarter and an increase in the general fee that could have taken it from \$25 up to \$50 a quarter as a maximum, with the level to be determined, of course, on the basis of the needs of the University. The second part of the proposal involved a grant-in-aid program, for students of low income families, of \$100 or \$50 per quarter for an income of \$5,000 or \$7,500 per year, respectively, and twice this amount for students whose fees were over \$1,000 per year. It happens, that there are no private institutions where fees are under \$1,000 and no public institutions with fees as high as \$1,000. The full implementation of the program, if it had been adopted, could have placed resident fees at \$750 versus \$510 at the present time and non-resident fees at \$1,500 versus the present level of \$1,110. We would still have been roughly 7 million dollars per year under our request of last August for new and improved programs. As I indicated, the State support would have been in the range of 3.2 percent more per student and fees would have been increased in the range of 38 to 47 percent, had we followed this plan.

Three-fourths of the out-of-state undergraduates were to have been subsidized the first year and one-half the second year.

There would have been five branch districts with detachments of what we call regional campuses from parent campuses and a redistribution of these centers. As an illustration, Lima would have become a part of the northwest section and Lancaster, which is a part of the Ohio University district, would have been placed in the central district and so on.

Much dissatisfaction was expressed on the subject of student fees, out-of-state student support and branch campuses. The plan envisioned some increase in tax resources but failed to point out clearly to the General Assembly what the institutions

February 13, 1969 meeting, Board of Trustees

X. REPORTS (continued)

C. Report on Status of the Budget Requests for
The Ohio State University for 1969-71 (continued)

believed were minimum needs. The Presidents of the State-assisted institutions, without committing their governing boards, opposed the proposed large increase in fees. They opposed the out-of-state student formula. They opposed the branch plan. They opposed the grants-in-aid program unless additional resources were made available. I don't believe, however, that anybody would oppose the grants program if sufficient resources were available.

Now the Governor's State of the State message delivered last week held out new hope for us. I thought his treatment of higher education was for the most part enlightened. He proposed a much larger increase in State subsidy for technical education. He proposed a freeze on instructional fees at \$450 and presumably, although not stated, I believe, a \$150 limitation on general fees, which at Ohio State would mean an increase of \$5 per quarter on instructional fees if we went to this level and a range of increase from \$5 to \$25 on the general fee depending on institutional needs. This is a concept in harmony with a position this Institution has advocated for a long time, and I am very pleased with it. No subsidy, however, was provided for out-of-state undergraduates, but there was indicated full support for students--graduate and professional--a point I suppose that could be argued, but one of the central missions of this Institution is graduate and professional education. Good graduate programs bring students from everywhere for reasons that are obvious to all of us, a procedure that should continue. There was a proposal for acceleration of branches to four-year institutions. We have historically taken a position at our branches that we will support the policy guidelines established by the Board of Regents as a service to the people of the State. We have consistently insisted upon high quality in the lower division programs, and we continue to support the Board of Regents' policy providing for independence when their enrollment reaches the level of 5,000 students. If there is to be some change in that standard, we are not opposed to it. We will support the independent status for the branches when their fiscal resources and academic programs are sufficiently sound to guarantee high quality programs. There was a heavy emphasis on technical education at the branches, and we are under way with these programs. While we may differ in our views about procedures, we believe in technical education. This morning we have approved architects for the design of technical buildings at Lima and Mansfield. We have the space in the Newark and Marion buildings, because of lower enrollments, to provide technical education

February 13, 1969 meeting, Board of Trustees

X. REPORTS (continued)

C. Report on Status of the Budget Requests for
The Ohio State University for 1969-71 (continued)

now. There is no conflict in one view about the need for technical education, merely the procedure for supplying it, which has to be worked out. We are perfectly willing to work on this problem on any intelligent basis.

There was a capital improvements program proposed. As you know, at this Institution, under the law we are required to file requests for capital improvements every two years. We do this thoroughly, trying to anticipate all conceivable needs. We filed, as you know, a very sizeable document. With the exception of the Journalism Building, which was to be provided under Issue No. 1, our top priority item called for the construction of a new University Hall. While funds for this building were not in the message, we have had some assurance since that time that these funds will be provided. I sincerely hope that we will be able to obtain this building as soon as possible since it will form the center for the liberal education program on this campus. It is the facility that is urgently needed if the College of Humanities is to continue to grow and develop as it should.

The outcome of the proposal in the Governor's message on February 5 would appear to me to provide us a satisfactory continuation budget using the best definition of the term. It would provide us with resources for approximately one-fourth of our proposed new and improved programs. It would guarantee no major fee increase which, as I have indicated before, is the position I and many of you have advocated for a long time. The program, of course, is buttressed on a new tax program which would give a good level of operation for at least two more years. In general, I may say that I will support such taxes as the Legislature in its wisdom determines are necessary in order to pay for these programs.

I would add two or three footnotes--

(1) In all honesty I think there is some disagreement on a hasty conversion of branches. I think this is a problem that in due course can be worked out.

(2) There is no way for us at the present time to estimate the number of out-of-state students who would be attending this University as undergraduate students on the basis of newly proposed policy, but we need these students. They help to improve the quality of the University. We will still be trying to have out-of-state students attending. We do not

February 13, 1969 meeting, Board of Trustees

X. REPORTS (continued)

C. Report on Status of the Budget Requests for
The Ohio State University for 1969-71 (continued)

want our percentage of undergraduate out-of-state students to be under the 9 percent which we have at the present time. This University has never turned away Ohio students in preference to out-of-state students.

Another footnote I might add is my concern that non-teaching personnel employees be provided the mandated increases. We must be competitive with the market in this area, and we need the very best people we can get for these positions.

I want to say finally that the proposed fee freeze is good so long as there is adequate support from the State. I am advised that there will be a substitute bill for the branch programs that will do two or three things. One, it will leave the branches attached to the parent campuses, and two, it will mandate the offering of technical courses. We are not in disagreement with this principle because we are already under way on technical education at our branches. Three, it mandates an associate degree program at the branches. A question that may be argued is whether this is a Legislative or an academic decision. We haven't given the associate degree at The Ohio State University campus for two reasons--first, our mission has been more directed toward upper division and professional education and second, we have not chosen to be in competition with the Columbus Technical Institute, which is also under State support.

So, in general, the outlook for support from proper sources is much brighter than it was a month ago. The ultimate decision, however, is yet to come.

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Mr. Bricker commented "There has been so much confusion in the press and otherwise--we certainly appreciate the presentation as it comes now."

Mr. Shocknessy stated "I think we can all feel consoled with our present posture. I think that generally the Governor's State of the State message follows the aims and aspirations of this Board."

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February 13, 1969 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, March 13, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 13, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, March 13, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

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Minutes of the last meeting were approved.

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March 13, 1969 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Rule 21.07 and Rule 29.2709
of Rules for the University Faculty

The Faculty Council on February 11, 1969, upon the recommendation of the Rules Committee of the Council approved certain amendments to the Rules for the University Faculty.

In addition to correcting and making more explicit some of the wording of the existing Rule 21.07, the revised rule specifically calls for

1. Person charged to have the right of appearance at all stages of the hearings;
2. A new committee to be known as the Faculty Tenure Hearing Committee to be established;
3. The President, after receiving the recommendation of Hearing Committee, shall give written notice to person charged before making formal recommendation to Board of Trustees. If the Board disagrees with recommendation of President, the Board shall request the President, the Hearing Committee and the person charged to respond to issues raised by the Board. After such review, the President shall then make his final recommendation.

Rule 29.2709 provides for

1. Changes in the number of members of the Council on Student Affairs and the manner in which they are chosen;
2. Faculty Council Standing Committee on Student Affairs; and
3. Changes in titles of principal administrators in the Office of Student Affairs necessary to accommodate the changes in titles previously approved by the Board of Trustees.

President Fawcett recommended that the above-referred-to amendments to the Rules for the University Faculty be adopted by the Board of Trustees, and that the Secretary of the Board be directed to correct and reprint the Rules for the University Faculty incorporating the specific changes as approved by the Faculty Council and included in these minutes as Appendix IV, page 453.

Upon motion of Mr. Safford, seconded by Dr. Thomas, the Board of Trustees approved the above recommendation by unanimous roll call vote.

March 13, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of a Certificate Program in Latin American Area Studies

The Faculty Council on February 11, 1969, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the recommendation that a new program in Latin American Area Studies be established.

The Certificate Program in Latin American Area Studies is designed to supplement work for an advanced degree in any one of the cooperating departments. It consists of courses in the Spanish and Portuguese languages and courses dealing with one or more countries or regions of Latin America in five or more disciplines. The student will also be expected to acquire advanced competence in at least one professional area outside his major field of study. A Master's thesis or essay in a Latin American topic must be completed before the Certificate is obtained.

In order to insure the candidate's thorough competence in his own discipline, a student who enrolls only for the Certificate Program must already have a Master's degree or an advanced professional degree in a suitable discipline or must have passed his General Examinations for the Ph. D.

President Fawcett recommended that the above proposal be approved by the Board of Trustees.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous voice vote.

C. Degrees and Certificates Conferred--Winter Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 15, 1969, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix V, page 459.)

Upon motion of Mr. Dunlap, seconded by Dr. Thomas, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. A Major Library Acquisition

The University has negotiated a purchase agreement, subject to ratification by this Board, with a major bookstore in this country for the acquisition of an inventory of over 800,000 volumes. This agreement provides for the payment of a total of \$250,000.00 from the annual University Libraries budgets over a period of several years.

March 13, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. A Major Library Acquisition (continued)

With these additional volumes, which will be the largest single acquisition in the history of the University, The Ohio State University Libraries will move from its present position of fourteenth largest to well within the ten largest research libraries in the nation.

President Fawcett recommended that the above-referred-to agreement be approved by the Board of Trustees.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the Board of Trustees approved the above recommendation by unanimous roll call vote.

E. Honorary Degrees

President Fawcett recommended that

1. Pursuant to Rule 29.15 and the action of the Faculty Council on March 11, 1969, the honorary degree--Doctor of Laws--be conferred upon Amory Houghton, Sr., at the June 7, 1969 Commencement.
2. Pursuant to Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, the honorary degree--Doctor of Humane Letters--be conferred upon Leslie Townes "Bob" Hope at the June 7, 1969 Commencement.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous voice vote.

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the February 13, 1969 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointments, Realignment of Duties in the Office of University Development and Leaves of Absence Without Salary:

A. Appointments

Robert W. Teater, Associate Dean (part time - 60 per cent), College of Agriculture and Home Economics, and Administrative Adviser on the AID/Brazil Project (part time - 10 per cent) and AID/India Project (part time - 10 per cent), effective May 1, 1969, at a combined salary of \$20,040.00 per annum. Dr. Teater will hold an appointment as Professor in the Department of Agronomy at No Salary.

March 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

Bernard J. La Londe, Professor (James R. Riley Professor of Marketing and Logistics) in the College of Administrative Science, effective October 1, 1969, at a salary of \$25,248.00 per annum. The title of this Professorship was changed from the James R. Riley Professorship of Transportation and Business Logistics to the James R. Riley Professorship of Marketing and Logistics in order to provide a more descriptive title for the work being done.

Zvonimir Janko, Professor, Department of Mathematics, effective April 1, 1969, at a salary of \$24,168.00 per annum.

Harold Schick, Professor, School of Natural Resources, effective April 1, 1969, at a salary of \$22,008.00 per annum.

B. Realignment of Duties in the Office of University Development

President Fawcett stated that "Pursuant to my memorandum of February 21, 1969, Vice President Smith has asked for the following realignment of duties for several staff members in the Office of University Development to carry out more effectively the responsibilities of this office. These changes have been suggested as a result of careful study and became effective March 1, 1969. They are recommended for your ratification":

Robert V. Esmond changed from Assistant Director of University Relations to Executive Assistant to the Vice President for University Development. (Salary unchanged)

David E. Pullman changed from Editor of University Publications to Director of Public Relations. (Salary unchanged)

Louis A. Treboni changed from Designer in the Office of University Publications to Director of University Publications. (Salary unchanged)

William F. Rounds changed from Editor of News and Information Service to Director of News and Information Service. (Salary unchanged)

March 13, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary

Curt Leben, Professor (part time - 10 per cent), Department of Plant Pathology, effective March 17, 1969 through June 30, 1969, to conduct research at the University of California at Berkeley.

Burk A. Dehority, Associate Professor (part time - 10 per cent), Department of Animal Science, effective February 1, 1969 through February 28, 1969, to conduct research at Michigan State University.

James W. VanderZanden, Associate Professor, Department of Sociology, effective January 1, 1969 through March 31, 1969, for personal reasons.

R. William Liddle, Assistant Professor, Department of Political Science, effective April 1, 1969 through June 30, 1969, to teach in Singapore.

Richard E. Jones, Instructor (County Extension Agent, 4-H), Lorain County, Cooperative Extension Service, effective February 1, 1969. (Military Leave)

Judy A. Tamulitis, Instructor (County Extension Agent, Home Economics) Delaware County, Cooperative Extension Service, effective May 1, 1969 through May 31, 1969, to participate in European Study Tour, Home Furnishings, in Scandanavian countries.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the Appointments, Realignment of Duties in the Office of University Development, Leaves of Absence Without Salary and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and
The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a1. U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky, Research and Scientific Studies for the Combat Development Program (to be known as U. S. Army Armor Center Project No. 573 - Mod. #38 - Engineering Experiment Station).
Gross Value - \$9,900.95.
- a2. Atomic Energy Commission, Argonne, Illinois, Kinetics of Ionizing Radiation Induced Reactions in Organic Compounds (to be known as Atomic Energy Commission Project No. 1398-B - Mod. #7-1 - Department of Chemistry).
Gross Value - \$35,898.00.
- a3. Department of the Army, U. S. Army Edgewood Arsenal, Edgewood Arsenal, Maryland, Development of Ferroelectric and Ferromagnetic Radiation Detectors (to be known as U. S. Army Edgewood Arsenal Project No. 2203 - Mod. #4 - Department of Mechanical Engineering).
Gross Value - \$6,000.00.
- a4. Department of the Navy, Office of Naval Research, Washington, D. C., Research on Culture of Calcareous Green Algae (to be known as Office of Naval Research Project No. 2410 - Amend. #2 - College of Biological Sciences - Botany).
Gross Value - \$22,822.00.
- a5. Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Survey of Technology on Communication Through the Plasma Sheath (to be known as Aeronautical Systems Division Project No. 2438 - C. O. #P005 - Department of Electrical Engineering).
Gross Value - \$6,670.00.
- a6. U. S. Army, Harry Diamond Laboratories, Washington, D. C., Nature and Distribution of RF Currents on Surface of Nose Cone (to be known as Harry Diamond Laboratories Project No. 2622 - C. O. #P-004 - Department of Electrical Engineering).
Gross Value - \$2,000.00.
- a7. Department of the Air Force, Electronics Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, The External Gravity Potential on the Earth and Gravity Dependent Geodetic Parameters (to be known as Electronics Systems Division Project No. 2758 - New - Department of Geodetic Science).
Gross Value - \$76,791.00.

March 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- a8. Department of the Air Force, Electronics Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, The External Gravity Potential on the Earth and Gravity Dependent Geodetic Parameters (to be known as Electronics Systems Division Project No. 2758-A - New - Department of Geodetic Science).
Gross Value - \$39,002.00.
- a9. Aerospace Medical Division, Brooks Air Force Base, Texas, Endocrine Function in Proposed Spacecraft Atmospheres (to be known as Aerospace Medical Division Project No. 2761 - New - Department of Physiology).
Gross Value - \$28,020.00.
- a10. Department of the Navy, Naval Air Systems Command, Washington, D. C., Electromagnetic Boresight Control of Radar Transmission Through a Radome (to be known as Naval Air Systems Command Project No. 2767 - New - Department of Electrical Engineering).
Gross Value - \$30,000.00.

TOTAL - Government Research Contracts - Federal \$257,103.95

2. Industrial and Other Research Contracts

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, U. S. A. (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C584509, C585616 and C586432 - Department of Surgery).
Gross Value - \$3,654.69.
- a2. Health Research, Inc., Roswell Park Division, Buffalo, New York, Breast Adjuvant Study (to be known as Health Research, Inc., Project No. 1569 - Check No. 074781 - Department of Surgery).
Gross Value - \$487.50.
- a3. American Petroleum Institute, New York, New York, Critical Properties of Hydrocarbon Mixtures (to be known as American Petroleum Institute Project No. 2029 - Ext. #4 - Department of Chemical Engineering).
Gross Value - \$20,000.00.

March 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- a4. University of Kansas, Center for Research, Inc., Engineering Science Division, Lawrence, Kansas, Investigation of Antenna Array Organization for Large Receiving Arrays (to be known as University of Kansas, Center for Research, Inc., Project No. 2552 - Mod. #2 - Department of Electrical Engineering).
Gross Value - \$27,403.00.
- a5. National Academy of Engineering, Washington, D. C., Effective Interplay of Engineering With Biology and Medicine (to be known as National Academy of Engineering Project No. 2775 - New - Department of Electrical Engineering).
Gross Value - \$19,373.00.
- a6. Consol-Truax-Traer Coal Co., Inc., Conservation Department, Library, Pennsylvania, Demonstration of Control of Acid Drainage from Coal Mine Refuse and Slurry Areas (to be known as Consol-Truax-Traer Coal Co., Inc., Project No. 2777 - New - Engineering Experiment Station).
Gross Value - \$67,740.00.

TOTAL - Industrial and Other Research Contracts \$138,658.19

3. Government Research Grants - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Cooperative Chemotherapy Study Group (to be known as National Institutes of Health Project No. 1094-I - Ext. #9 - Department of Medicine).
Gross Value - \$30,336.00.
- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormonal Regulation of Cellular Processes (to be known as National Institutes of Health Project No. 1172-H - Ext. #8 - College of Biological Sciences - Biochemistry and Molecular Biology).
Gross Value - \$10,986.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Air Pollution Control Administration, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as National Air Pollution Control Administration Project No. 1220-H - Ext. #8 - Department of Chemistry).
Gross Value - \$77,646.00.

March 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a4. Department of Health, Education and Welfare, Public Health Service, National Air Pollution Control Administration, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as National Air Pollution Control Administration Project No. 1220-H-1 - Ext. #1 - Department of Electrical Engineering).
Gross Value - \$15,412.00.
- a5. National Aeronautics and Space Administration, Washington, D. C., Inert Gas Effects on Developmental Physiology (to be known as National Aeronautics and Space Administration Project No. 1492 - Sup. #5 - Department of Physiology).
Gross Value - \$31,000.00.
- a6. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues (to be known as National Institutes of Health Project No. 1571-E - Sup. #1 - College of Biological Sciences - Biochemistry and Molecular Biology).
Gross Value - \$2,880.00.
- a7. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Genetic Bases of Behavior Differences (to be known as National Institutes of Health Project No. 1633-F - Ext. #6 - College of Biological Sciences - Entomology).
Gross Value - \$23,344.00.
- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Blood PO₂-Artery QO₂ Relationship and Atherosclerosis (to be known as National Institutes of Health Project No. 1800-E - Ext. #5 - Department of Physiology).
Gross Value - \$14,989.00.
- a9. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Supersonic Combustion and Burning (to be known as Air Force Office of Scientific Research Project No. 2153-C - Mod. #2 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$43,210.00.

March 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a10. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Health Services and Mental Health Administration, Chevy Chase, Maryland, Individual Differences and Psychologic Stress (to be known as National Institute of Mental Health Project No. 2173-C - Ext. #3 - Department of Psychiatry).
Gross Value - \$66,610.00.
- a11. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Quantitation of Blood Cell Flow in Single Capillaries (to be known as National Institutes of Health Project No. 2305-B - Ext. #2 - Department of Physical Medicine).
Gross Value - \$20,383.00.
- a12. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Determination of Protein Aggregation Equilibria (to be known as National Institutes of Health Project No. 2379-B - Ext. #2 - Department of Chemistry).
Gross Value - \$24,329.00.
- a13. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Prevention of Hepatitis After Cardiovascular Surgery (to be known as National Institutes of Health Project No. 2380-B - Ext. #2 - Department of Medicine).
Gross Value - \$26,633.00.
- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Experimental Model of Phenylketonuria-Like Conditions (to be known as National Institutes of Health Project No. 2385-B - Ext. #2 - Department of Pathology).
Gross Value - \$26,441.00.
- a15. Department of Health, Education and Welfare, Public Health Service, Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Radiological Health, Bethesda, Maryland, Mercaptocyclopropylamines Radiation - Protective Agents (to be known as Bureau of Radiological Health Project No. 2460-B - Ext. #2 - College of Pharmacy).
Gross Value - \$10,859.00.

March 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a16. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormone Modulation of Emetic Responsiveness in Aves (to be known as National Institutes of Health Project No. 2613-A - Ext. #1 - College of Pharmacy).
Gross Value - \$10,978.00.
- a17. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Metabolism of 6-Deoxyhexoses (to be known as National Institutes of Health Project No. 2701-A - Ext. #1 - College of Biological Sciences - Biochemistry and Molecular Biology).
Gross Value - \$17,326.00.
- a18. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Hypocholesterolemic Agents - Stereochemical Studies (to be known as National Institutes of Health Project No. 2769 - New - College of Pharmacy).
Gross Value - \$21,560.00.
- a19. National Science Foundation, Washington, D. C., Immunologic Specificity of Antibodies to Liver Ribosomes and Nuclei (to be known as National Science Foundation Project No. 2772 - New - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$30,000.00.
- a20. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Optimum Speed of Library Access as Related to Optimum Size of Library Collections (to be known as Office of Education Project No. 2773 - New - University Libraries).
Gross Value - \$5,193.00.
- a21. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Neurophysiology of Corneal Receptive Fields (to be known as National Institutes of Health Project No. 2774 - New - College of Optometry).
Gross Value - \$15,626.00.

March 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a22. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Research Support Grant (to be known as National Institutes of Health Project No. 2776 - New - Department of Veterinary Medicine).
Gross Value - \$66,863.00.
- a23. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Etiology of Sarcoidosis (to be known as National Institutes of Health Project No. 2780 - New - Department of Medical Microbiology).
Gross Value - \$20,574.00.
- a24. National Science Foundation, Washington, D. C., Research in Information Theory (to be known as National Science Foundation Project No. 2781 - New - Department of Mathematics).
Gross Value - \$4,900.00.

TOTAL - Government Research Grants - Federal \$618,078.00

4. Government Research Grant - State

- a1. Department of Mental Hygiene and Correction, Division of Administration on Aging, Columbus, Ohio, Transportation of the Aging in Richland County and Ohio (to be known as Department of Mental Hygiene and Correction Project No. 2770 - New - Department of Sociology).
Gross Value - \$16,940.00.

5. Industrial and Other Research Grant

- a1. Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri, Aesthetic Education Project (to be known as Central Midwestern Regional Educational Laboratory, Inc., Project No. 2420 - Amend. #5 - Division of Art Education).
Gross Value - \$29,772.00.

The foregoing forty-two contracts and grants for research in cooperation with Government, Industry and Other represent a gross income of \$1,060,552.14.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

March 13, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from January 29, 1969 through February 26, 1969, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 326X	Development of a Driver-Based Measurement Technique to Assess the Effects of Roadway Development and Geometrics on Speed, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$67,793.00.
EES 296X Ext. #1	The Fatigue of Flexible Pavements, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$96,800.00.
EES 274X Ext. #3	The Development of New Intersection Techniques, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$30,000.00.
EES 248X Ext. #7	Fundamentals of Soil Compaction, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$148,560.00.
SC 79	Conduct and Administration of Community Development Training Program, Component on Urban Analysis and Synthesis, Ohio Department of Urban Affairs, Columbus, Ohio. Gross Value - \$44,380.00.
SC 80	Architects' and Engineers' Professional Development Center, Office of Civil Defense, Washington, D. C. Gross Value - \$5,000.00.

The foregoing six contracts for research in the Engineering Experiment Station represent a gross income of \$392,533.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since February 13, 1969, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

March 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$553,000.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for construction of the "Comparative Medical Teaching and Research Facility," under the direction of the College of Veterinary Medicine. This grant was made under Title VII (A) of the Public Health Service Act, as amended. (Grant No. 1 J01 FR-00396-01)
2. \$45,846.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Corrections," under the direction of the School of Social Work, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 MH08254-07)
3. \$45,049.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Psychiatry," under the direction of the Department of Psychiatry, for the period July 1, 1969 through June 30, 1970. (Grant No. 2 T02 MH05924-19)
4. \$40,095.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Psychiatric Nursing," under the direction of the School of Nursing, for the period July 1, 1969 through June 30, 1970. (Grant No. 2 T02 MH06375-13)
5. \$27,727.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Studies on Comparative Electrocardiography," for a Development Award - Research Career Program under the direction of the Department of Veterinary Physiology and Pharmacology, for the period April 1, 1969 through March 31, 1970. (Grant No. 5 K03 HE13524-07)
6. \$24,230.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Community Organization," under the direction of the School of Social Work, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 MH10789-03)
7. \$20,930.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Sarcoid Etiology Effect of SM on OX-DNA Replication," for a Development Award - Research Career Program under the direction of the Department of Medical Microbiology, for the period January 1, 1969 through December 31, 1969. (Grant No. 5 K03 A105714-02)

March 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

8. \$11,321.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Support," under the direction of the University Libraries, for the period March 1, 1969 through February 28, 1970. (Grant No. 1 G01 LM00684-01)
9. \$5,307.00 supplemental grant from Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurological Surgery," under the direction of the Department of Surgery, for the period July 1, 1968 through June 30, 1969. (Grant No. 3 T01 NB05529-03S1)
10. \$5,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Quantitative Methods in Librarianship: Standards Management, Research," under the direction of the University Libraries. This grant was made under Title II-B of the Higher Education Act of 1965, P. L. 89-329, as amended. (Grant No. OEG-0-9-450004-0430)
11. \$1,620.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Basic Residency," under the direction of the Department of Psychiatry, for the period July 1, 1969 through June 30, 1970. (Grant No. 2 T01 MH08458-06)

TOTAL - Administered Through the Office of Business and Finance
\$780,125.00

B. Received Through The Ohio State University Development Fund

1. \$105,000.00 from the Estate of Mary W. Pomerene, Coshocton, Ohio-- \$102,500.00 for the Mary W. and Frank E. Pomerene Memorial Fund and \$2,500.00 for the Alumnae Scholarship House Fund.
2. \$50,000.00 from the Estate of Sarah R. Norton for the establishment of the Sidney Augustus Norton Memorial Fund.

Sidney Augustus Norton Memorial Fund

The Sidney Augustus Norton Memorial Fund was established March 13, 1969, by the Board of Trustees of The Ohio State University with a bequest to the University from Sarah R. Norton, in memory of her father-in-law, Sidney Augustus Norton, former faculty member who died in 1918.

March 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

2. Sidney Augustus Norton Memorial Fund (continued)

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support worthy students at the University.

3. \$12,500.00 from Payne Fund, Inc., Cleveland, Ohio, (In the name of Mrs. Frances P. Bolton), for the Payne Fund Communications Project.
4. \$10,531.00 from The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.
5. \$10,062.50 from the G. D. Searle & Company for the G. D. Searle & Company Research Fund in Medicine.
6. \$9,224.00 from Paul Benedum, Pittsburgh, Pennsylvania, for the Center for Continuing Medical Education Fund.
7. \$7,241.00 from the National Fund for Medical Education for the National Fund for Medical Education.
8. \$6,999.25 from the Morris Animal Foundation, Denver, Colorado, for the Mark L. Morris Animal Foundation Funds in the College of Veterinary Medicine.
9. \$6,052.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.
10. \$5,500.00 from Colgate-Palmolive Company, New York, New York, as an unrestricted gift for the Department of Obstetrics and Gynecology.
11. \$5,000.00 from Ferro Corporation, Cleveland, Ohio, for the Ferro Corporation Fellowship Fund.
12. \$5,000.00 from General Electric Company, Ossining, New York, for the 1969 program of Graduate Research and Study Grants.
13. \$5,000.00 from Republic Steel Corporation Educational and Charitable Trust, Cleveland, Ohio, for the John W. Bricker Professorship in the College of Law.
14. \$4,400.00 from Robert C. Coplan for the Shirley and Robert C. Coplan Scholarship Fund.

March 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

15. \$4,000.00 from Charles Pfizer & Company, Inc., for the Infectious Disease Research Fund.
16. \$3,000.00 from The Harvest Publishing Company, Cleveland, Ohio, as an unrestricted gift for the Department of Agricultural Economics in the College of Agriculture and Home Economics.
17. \$2,630.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
18. \$1,258.92 from Dr. Chester C. Winter for the Fund for Progress in Urology in the College of Medicine.
19. \$1,012.00 from Seward D. Schooler, Coshocton, Ohio, for the Presidents Club Special Fund.
20. \$1,000.00 from Mr. John B. Conard for the John B. Conard Fund for Ceramic Engineering.

TOTAL - Received Through The Ohio State University Development Fund - \$255,410.67

C. Establishment of New Funds from Previously Reported Gifts

M. Wilson McConnell Fund

The M. Wilson McConnell Fund was established March 13, 1969, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from M. Wilson McConnell, B.Sc. Bus. Adm. '28, Coshocton, Ohio.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for a University purpose, selected by the President of The Ohio State University.

John W. and Elizabeth Williams Paynter Scholarship Fund

The John W. and Elizabeth Williams Paynter Scholarship Fund was established March 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John W. Paynter, B.Sc. Bus. Adm. '32, Detroit, Michigan.

March 13, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Received Through The Ohio State University Development Fund (continued)

John W. and Elizabeth Williams Paynter Scholarship Fund (continued)

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually to provide one or more scholarships per year to an outstanding and needy student or students, who are to be selected by the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aids and scholarships.

D. Funds Received for Royalties Account

\$35,000.00 received in payment for use of patent rights owned by The Ohio State University to be deposited in the fund identified as Royalties Account No. 179027 established by the Board of Trustees at the September 14, 1967 meeting.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the acceptance of the foregoing grants, gifts, and royalties, and the establishment of the above-specified funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

E. Report from The Ohio State University Development Fund

In January, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	532	\$275,424.21
Individuals other than alumni	66	20,108.72
Nonprofit organizations	19	42,118.05
Business concerns	29	75,276.87
	646	\$412,927.85

Of these gifts, 319 totaling \$4,281.00 were undesignated and 327 totaling \$408,646.85 were designated.

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March 13, 1969 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials and estimates of cost for the following projects be approved by the Board of Trustees:

A. University Hospital, Remodel Intensive Care - Recovery Rooms

This project provides improvement of the intensive care area and related facilities associated with the operating rooms located on the fourth floor of University Hospital.

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801150 (Remodel Intensive Care).

B. Goss Laboratory - Installation of New Distilled Water and Steam System

This project provides installation of a new distilled water system, new demineralizer, new steam generators and associated stainless steel piping and fittings.

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801183 (Goss Lab Remodeling).

C. University Hospital - Renovation of Mechanical System in Central Service Areas

This project will provide year-around ventilation, filtering and cooling systems for the Pharmacy, Central Supply and Main Cafeteria and alteration to the present kitchen and cafeteria ventilating system.

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801190 (University Hospital, Mechanical System Renovation).

D. Starling-Loving Hall, Renovation of Fourth Floor "B" Wing

This project provides remodeling of facilities for a medical diagnostic and referral clinic.

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801199 (Starling-Loving, Fourth Floor).

E. Boilers 6 and 7, Elimination of Atmospheric Pollution

This project is part of the continuing policy of the University to eliminate as far as possible the source of atmospheric pollution.

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801179 (Boilers 6 and 7 Conversion).

March 13, 1969 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

F. Means Hall - Renovation of Electrical System

This project will provide increased capacity to the electrical service needed because of the change in building occupancy and use.

Funds for this project have been provided by a transfer from Budget Account 809998 (Hospital Capital Reserve) to Budget Account 801200 (Means Hall - Renovation of Electrical System).

G. Means Hall - Additional Patient Facilities

This project will provide additional patient rest rooms on the 2nd, 3rd and 5th floors. Existing patient facilities are inadequate and inconvenient.

Funds for this project have been provided by a transfer from Budget Account 960200 (Hospital Rotary) to Budget Account 801193 (Means Hall - Patient Facilities).

H. Edith Cockins Hall - Modernization for Faculty Offices

This project will provide for 18 senior faculty offices for the Department of Mathematics.

Funds for this project have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801181 (Edith Cockins Hall - Modernization).

I. McPherson Chemical Laboratory - Library Renovation

This project provides for additional stacks and expansion of the Library on the third and fourth floors.

Funds for this project have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801177 (McPherson Laboratory Remodeling).

J. School of Allied Medical Professions

This new building will provide classrooms, seminar rooms, laboratories and offices for the School of Allied Medical Professions.

Funds for this project have been provided from Item 315-062, H. B. 886, and from a Public Health Service Grant.

K. River Union and Drama Facilities

The Drama section of this project will provide a 622 seat auditorium, an experimental theater seating up to 300 persons, offices, classrooms, a listening center and related facilities.

March 13, 1969 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

K. River Union and Drama Facilities (continued)

The River Union section will provide a student center including recreational facilities and convenience shops.

Funds for this project have been provided from Item 315-045, H. B. 202 and H. B. 886; Budget Account 801083 (Student Facilities); Federal Grant Recoveries; and a Title I Federal Grant.

Upon motion of Mr. Safford, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACT

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contract was recommended for award. The action reported to the Board was as follows:

A. Pedestrian Bridge Over Olentangy River
and Olentangy River Road

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Bridge Contract</u>		
(2 bids received 3-7-69)		
Bates & Rogers Construction Co.		
(Columbus, Ohio)		
Base Bid	\$161,639.00	\$164,000.00
Alt. 1 Stairs and Railing at West Bank	9,100.00	12,000.00
Alt. 2 Galvanized Steel Chain Link		
Fabric	1,400.00	4,000.00
Total Contract	<u>\$172,139.00</u>	<u>\$180,000.00</u>

Funds for this project have been provided from the River Union Construction Fund and the Parking Rotary.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the above award of contract and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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March 13, 1969 meeting, Board of Trustees

VII. CONTROLLING BOARD APPROVAL

Each numbered request shown below accomplishes the following purpose:

- 9 Approves the transfer of \$2,195.47 from Item 315-016 Medical Complex to Item 315-053 Dodd Hall Addition, H. B. 886, and the release of these funds for extra orders, final architects' fees and other miscellaneous expenses in connection with the project "Dodd Hall Addition."

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Laboratory Animal Facility - Easements and Agreements to Provide for Construction of a Water Line

Easements and temporary work agreements for the construction of a water line will be required for the development of the Laboratory Animal Facility located adjacent to Don Scott Field. President Fawcett recommended that the necessary agreements to provide the right-of-way be negotiated with private land owners as determined from engineers' drawings.

It was, therefore, recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to appraise the land owners' rights and to develop the necessary legal documents to provide the University with a right-of-way.

Upon motion of Mr. Hilliker, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

B. Edith Cockins Hall - Modernization for Faculty Offices

President Fawcett recommended that the engineering firm of Ralph and Curl be employed to provide services including complete preparation of plans and specifications for year-around ventilation and air conditioning for 18 faculty offices for the Department of Mathematics.

The fee for this service is estimated to be \$2,320.00 or 8 per cent of the mechanical contracts cost. Funds for the project have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801181 (Edith Cockins Hall - Modernization).

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

March 13, 1969 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

C. Systems Engineering - Area 480 Computer Facility

President Fawcett recommended that the architectural firm of Croce and Abbot be employed to provide architectural and engineering services including all architectural, mechanical and electrical design and complete preparation of drawings and specifications for conversion of a portion of the fourth floor of the Systems Engineering Building to an expanded computer facility.

The fee for this service is estimated to be \$11,000.00 computed on an hourly basis, but not to exceed 10 per cent of the cost of construction. Funds have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801172 (Systems Engineering Remodeling).

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote.

D. Underground Electric Line Easement to Provide for Additional Electricity to the Main Campus

The Columbus and Southern Ohio Electric Company has been requested to provide additional electrical service to the campus. An easement to provide the right-of-way for this underground line is required. The easement required will commence at a point at King Avenue on the east side of the dike, proceeding northward to the site of the proposed substation, turning eastward approximately 300 feet to the southeast corner of the proposed substation, and then northward approximately 200 feet to tie in with the University distribution equipment.

The right-of-way shall be of sufficient width to provide the necessary future electric service as agreed between the Columbus and Southern Ohio Electric Company and the Office of Business and Finance of The Ohio State University.

President Fawcett recommended that the granting of an underground electrical easement to the Columbus and Southern Ohio Electric Company be approved. It was further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the easement to provide for the new and improved electric service.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the above recommendations were approved by unanimous roll call vote.

March 13, 1969 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

E. Acquisition of Property for Educational Facilities

President Fawcett presented the following resolution for consideration by the Board of Trustees:

WHEREAS, the College of Veterinary Medicine at The Ohio State University in planning to meet the needs of its students and related programs is required to expand its facilities beyond the geographical area now served by its present Veterinary Clinic; the rapid urbanization of Franklin County has reduced the available livestock population below that required for continued large animal clinical instruction; this clinical instruction is an essential element in the four-year veterinary curriculum and requires specialized facilities and the availability of an adequate animal population; the acquisition of a facility in Union County will provide the required access to a more adequate large animal population and will support the need for additional veterinary clinical instruction; and

WHEREAS, the Board of Trustees of The Ohio State University deems that the acquisition of this facility is required to meet the needs of the College of Veterinary Medicine of the University and to serve the people of the State of Ohio; and, therefore, find it expedient to proceed with the acquisition of the necessary real property;

NOW, THEREFORE, BE IT RESOLVED, that the Vice President for Business and Finance be authorized and directed to proceed with the purchase of the following described real estate located in Paris Township, Union County, Ohio:

Being 4.988 acres in VMS 3354 and 9.996 acres in VMS 3354 and 4069, Paris Township, Union County, Ohio, located on the Marysville-Milford Center Road (State Routes 4 and 36), and adjacent to the City of Marysville, Ohio, containing a complete and operational facility for a veterinary medicine practice.

Funds are available in Budget Account 801099 (transferred from the Veterinary Clinic Rotary). The owners of record are John E. Andreas and Helen M. Andreas. The purchase price of the property is not to exceed \$135,000.00.

Upon motion of Mr. Hilliker, seconded by Dr. Thomas, the above resolution was adopted by unanimous roll call vote.

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March 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Carlton F. Christian, Associate Professor Emeritus in the Cooperative Extension Service, and Dieter Cunz, Professor and Chairman of the Department of German. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families and friends of the deceased.

A. Carlton F. Christian

The Board of Trustees of The Ohio State University expresses its sorrow at the death January 29, 1969, of Carlton F. Christian, Associate Professor Emeritus in the Cooperative Extension Service.

Mr. Christian, born September 4, 1892, Fulton County, Ohio, was a veteran of World War I. He taught vocational agriculture at Canal Winchester after graduation from The Ohio State University. Later he edited a rural weekly newspaper, The Republican Record, in Geauga County; was farm editor of the Defiance Crescent News in Defiance, Ohio; and served as editor of Farm and Dairy, weekly farm publication in Salem, Ohio.

From January 22, 1934 to June 30, 1935, he was county extension agent in Wyandot County, leaving this position to serve as information specialist with the Agricultural Adjustment Administration in Washington, D. C. In 1936 he returned to Ohio to become secretary and general manager of the newly organized Milk Producers' Federation of Cleveland. He left this post to join the staff of the Cooperative Extension Service at Ohio State, first as an extension dairy marketing specialist and later as agricultural editor.

As agricultural editor from 1953 until his retirement in 1958, Mr. Christian headed the Extension Office of Information and Educational Aids on the University's Columbus campus and the Public Information Office at the Ohio Agricultural Research and Development Center in Wooster.

Mr. Christian was a skillful writer, editor and teacher, with a compassion for justice, a determination for accuracy and a disdain for verbosity. His loss is keenly felt by his professional associates.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Christian its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

March 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Dieter Cunz

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 17, 1969, of Dieter Cunz, Professor and Chairman of the Department of German.

Dr. Cunz was born August 4, 1910, in Hoechstebach, Germany. He grew up and attended school in Wiesbaden. He studied at the Universities of Munich, Leipzig, Koenigsberg and Frankfurt. From Frankfurt he received his Ph.D. in 1934 in the fields of German Literature and History.

A dedicated opponent of Hitler and his regime, he left his native country in 1934 and lived in Switzerland as a free-lance writer and contributor to Swiss newspapers. In 1938 he emigrated to the United States. After a year in New York City, he moved to Baltimore, Maryland, where he received a scholarship from the Carl Schurz Memorial Foundation for work in the archives and the library of the Society for the History of the Germans in Maryland. In the same year he started his teaching career at the University of Maryland at College Park, Maryland, where he rose within nine years from the rank of assistant instructor to professor. He taught at this institution until 1957, when he joined the faculty at The Ohio State University as professor and chairman of its Department of German.

Dr. Cunz was a devoted teacher, who enjoyed the respect and love of his students. In 1961 the Arts College Student Council awarded him its Good Teaching Award, and in 1964 he received the Alfred J. Wright Award for "dedicated service to student activities and student organizations."

Dr. Cunz was a specialist in the field of 18th century German literature, but his most important and lasting contribution to scholarship was his work on the history of German immigration to the United States. His book The Maryland Germans, A History (The Princeton Press, 1948) established him as one of the two or three leading scholars in the field of immigration history both here and abroad. With the last of his many books he returned again to the field of German immigration history, a collection of literary portraits of famous German immigrants, They Came from Germany (Dodd, Mead & Co., New York, 1966). He contributed close to a hundred major articles and essays to periodicals and newspapers in this country as well as in Germany, Switzerland and France. He is also the author of German for Beginners, a textbook widely used in American and Canadian colleges and universities.

These scholarly activities earned him the highest recognition both here and abroad. He was on the board of directors of the Carl Schurz Memorial Foundation (1961 to 1965) and an honorary member of the Society for the History of the Germans in Maryland, whose secretary he had been from 1944 to 1956 and whose Reports he had edited for many years. In 1959 the government of the Federal Republic of Germany bestowed upon him the Knight's Cross, First Class "in recognition of his efforts on behalf of the German language instruction in the United States and his scholarly contributions in the field of German-American immigration history." In 1965 the Ohio State chapter of Phi Beta Kappa elected him to honorary membership.

March 13, 1969 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Dieter Cunz (continued)

Dr. Cunz was a member of the Modern Language Association of America, the American Association of Teachers of German, the Ohio Historical Society, the American Lessing Society and the Ohio College Association. He often held administrative positions in these organizations.

On behalf of the University community, the Board of Trustees expresses its deep sympathy to Dr. Cunz's friends and colleagues. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as a sincere expression of the Board's realization of the loss which The Ohio State University has sustained.

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X. REPORTS

A. Report on Winter Quarter Commencement

President Fawcett reported that the Winter Quarter Commencement Convocation would be held on Saturday, March 15, 1969. Dr. Sherwood L. Fawcett, President of the Battelle Memorial Institute, will be the speaker on this occasion, when approximately 1,064 degrees and certificates will be awarded.

B. Report on Status of Proposal on "Open Housing"

The proposed "Open Housing" rules as passed by the Faculty Council on March 11, 1969, were distributed to the members of the Board of Trustees. President Fawcett indicated that he would recommend action on these rules at the April meeting of the Board of Trustees.

C. Report on the University's Investment Portfolio

The report dated March 12, 1969, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Thursday, April 10, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

APPENDIX IV

Revision of Rule 21.07 and Rule 29.2709
of Rules for the University Faculty

as Approved by the Faculty Council
February 11, 1969

Adopted by Board of Trustees March 13, 1969
(See page 426)

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Rules for the University Faculty

On February 11, 1969, the Faculty Council approved the following changes in the Rules for the University Faculty as a substitution for the text printed in the January, 1968 edition of the Rules for the University Faculty.

21.07. Tenure: Procedure for Termination.

Section 1. Charges of incompetence, grave misconduct, or other cause as set forth under Rule 21.03 shall be made in writing by the dean of a college (or, if the person charged is not assigned to a college, by a similar administrative officer), and transmitted to the President. If the President deems such charges to be of substance, he shall transmit them to the person charged and allow him a reasonable opportunity to reply to them. If, after this preliminary exchange, the President determines that the charges might call for termination of tenure, he shall initiate a hearing before a standing committee of three, to be known as the Faculty Tenure Hearing Committee. This committee shall be selected at the beginning of each academic year by the Faculty Advisory Committee. (See Rule 29.2713, Section 4b.) The Hearing Committee shall determine who may be present at its hearings.

Section 2. The rights of appearance, representation, submission of evidence, and introduction and questioning of witnesses shall be granted to both the administration and the person charged at all stages of the proceedings, and a permanent record of the hearing shall be kept. The Hearing Committee shall submit to the President a complete transcript of the hearing, and all other documents and exhibits relating to the matter, along with a written report containing findings of fact and recommendations. The person charged shall be given a copy of the report and transcript, and copies of all other documents and exhibits. Should the President disagree with the recommendations of the Hearing Committee, he shall indicate his differences to the Committee and the Committee shall respond to him on the issues he has raised. If the President requests the Hearing Committee to consider information not presented to them previously, they shall reopen the hearing and submit a supplementary report. All the procedures previously stated shall apply to the supplementary hearing and report.

Section 3. All records of the hearings and recommendations shall be held confidential in the office of the President; however, if the person charged is dismissed, the President and the Hearing Committee shall inform the University Faculty of the critical issues in the case. With the permission of the person charged, members of the University Faculty may review all University records of the case.

Section 4. Should the President at any time decide in favor of the person charged, in the absence of a request by the Board of Trustees for a formal recommendation, he shall close the case by writing to the person charged that the proceeding against him has been concluded and that his tenure is continued. In the event a formal recommendation is requested by the Board of Trustees, the President shall give written notice thereof to the person charged. The President, after receiving the recommendations of the Hearing Committee, shall give written notice of his decision to the person charged before making his formal recommendation to the Board of Trustees. The report of the Hearing Committee shall be transmitted to the Board along with his recommendation.

Should the Board of Trustees disagree with the recommendation of the President, the Board shall request the President, the Hearing Committee, and the person charged to respond to issues raised by the Board. After such review, the President shall then make his further recommendation and present it to the Board.

Section 5. Publicity concerning the findings and recommendations of the Hearing Committee and the President shall be withheld until the Board of Trustees has acted upon the President's final recommendation.

Rules for the University Faculty (continued)

21.07. Tenure: Procedure for Termination. (continued)

Section 6. Termination of tenure shall not become effective until one year's notice of the final decision has been given, except when otherwise ordered by the Board of Trustees because it finds the misconduct to be of such extreme gravity as to necessitate immediate severance of all relationship with the University. The President and the Hearing Committee shall include in their recommendations a statement as to whether or not this provision should be waived.

Section 7. The right to terminate tenure for cause shall be lost by failure of the proper administrative officer to inform the individual of the unsatisfactory nature of his services and to follow appropriate procedures within a reasonable time.

29.2709. Council on Student Affairs.

Section 1. The Council on Student Affairs shall consist of 15 members as follows:

a. Seven students to be selected as follows:

- (1) The President of the Undergraduate Student Body (see Rule 53.0701).
- (2) The President of the Women's Self Government Association (see Rule 53.0703).
- (3) Two students appointed by the President of the Undergraduate Student Body with the advice and consent of the Student Assembly.
- (4) Two students to be appointed by the President of the Council of Graduate Students with the advice and consent of that Council.
- (5) One student to be appointed by the Presidents of the Student Councils of the Colleges of Dentistry, Law, Medicine, Optometry, and Veterinary Medicine.

The five students appointed shall serve one-year terms but shall be eligible for reappointment.

- b. Six elected members of the Faculty Council chosen by the Faculty Council for three-year terms, two to be chosen each year.
- c. The Dean of Students.
- d. The Vice President for Student Affairs, who shall vote in case of ties.

Section 2. The Faculty Council members elected to the Council on Student Affairs shall also constitute the Standing Committee on Student Affairs of the Faculty Council.

Section 3. The Vice President for Student Affairs shall be Chairman of the Council. A Vice Chairman shall be designated by the six Faculty Council members of the Council on Student Affairs, and he shall also serve as Chairman of the Faculty Council's Standing Committee on Student Affairs.

Rules for the University Faculty (continued)

29.2709. Council on Student Affairs. (continued)

Reports by the Council on Student Affairs to the President of the University shall be made through the Vice President for Student Affairs. Reports to the Faculty Council shall be made through the Faculty Council's Standing Committee on Student Affairs.

Section 4. This Council shall be the principal liaison council between student government and the faculty and administration. It may recommend to the Faculty Council proposed legislation affecting student life and activities. Its administrative responsibilities shall be expressed through recommendations to the Vice President for Student Affairs.

The Council shall have the authority to make regulations pursuant to Rules for the Faculty, the By-Laws, and the Statutes, insofar as they pertain to students.

Section 5. The Council shall have responsibility for the recognition of, and determination of operating procedures for, the publications of all student organizations, but this responsibility may be delegated by this Council to the Student Publications Board or any College committee recognized by this Council.

Section 6. Any group of students desiring to organize and be recognized as a University organization or as a fraternity or sorority of this University shall obtain permission from the Council (see Rules 53.01 and 53.03), but this responsibility may be delegated by this Council to other councils. The Council shall require a list of officers and an annual report from every student organization on the activities of the organization.

Section 7. Without limiting the generality of the foregoing, the Council's jurisdiction shall also extend to rights and responsibilities of students. Other specific responsibilities consistent with the concept of the Council as outlined above may be added from time to time by assignment from the Vice President for Student Affairs.

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APPENDIX V

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 15, 1969

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Graduate School

Dean: Richard Armitage

Doctor of Philosophy

(Eighty-three candidates)

- Mudher Mohammed Ali Al-Falluji.....Hilla, Iraq
B.V.M. (University of Baghdad); M.Sc. (University of Washington)
Dissertation: Developmental Resistance to Polyoma Virus Oncogenesis and Runtig in Inbred Mice Treated with Antilymphocyte Serum (ALS)
Field of Specialization: Microbiology
- Houston Richard Baker, Jr.....Lancaster
A.B. (Harvard University)
Dissertation: The Modification of Calcium Contractures of Frog Ventricle by Autonomic Drugs
Field of Specialization: Physiology
- Norman Patrick Barnes.....Brunswick
B.Sc. in Phys., M.Sc.
Dissertation: Optical Parametric Mixing in Anisotropic Dispersive Media
Field of Specialization: Electrical Engineering
- Frederick John Beier.....Minneapolis, Minn.
B.Sc. in Bus.Adm., M.B.A.
Dissertation: Power in the Channel of Distribution: An Interdisciplinary Approach
Field of Specialization: Business Organization
- James Irving Berg.....Minneapolis, Minn.
B.Phys. (University of Minnesota)
Dissertation: The Far Infrared Optical Constants of Potassium Iodide
Field of Specialization: Physics
- Donna Lou Berglund.....Hickman Mills, Mo.
B.A. (Central College, Missouri)
Dissertation: Transition Metal Complexes Containing Cationic Phosphine, Potentially Tridentate Phosphine, or Phosphine Oxide Ligands
Field of Specialization: Chemistry
- Dimite Joanne Buckley.....Findlay
B.Sc., M.Sc., M.Sc.
Dissertation: Interaction of Calcium Ion with Alpha-S Casein
Field of Specialization: Chemistry
- Bruce Allen Bursack.....La Crosse, Wis.
A.B. (Ripon College); M.S. (University of Wisconsin)
Dissertation: Utilizing Item Sampling Techniques to Scale Affective Reactions to Mathematics
Field of Specialization: Education
- Lawrence Franklin Buxton.....Teaneck, N. J.
A.B., M.A. (Temple University)
Dissertation: An Investigation of Sex and Age Differences in Speech Behavior under Delayed Auditory Feedback
Field of Specialization: Speech

- Gordon Meredith Clark.....Lakewood
B.I.E.; M.S. in Ind.Eng. (University of Southern California)
Dissertation: The Combat Analysis Model
Field of Specialization: Industrial Engineering
- John Raymond Copeland.....Columbus
B.E.E., M.Sc.
Dissertation: Analysis of the TEM-Line Antenna
Field of Specialization: Electrical Engineering
- David Edward Crean.....Blockley, England
B.A. (University of Capetown, South Africa); M.A. (University of Cambridge)
Dissertation: A Study of the Consistency of Tomato Juice as Influenced by pH Changes and Cell Wall Components
Field of Specialization: Horticulture and Forestry
- Charles Raymond Day.....Erie, Pa.
B.A. (West Virginia Wesleyan College); M.A. (Duke University)
Dissertation: Assumed Similarity to Others: Some Determinants and Consequences
Field of Specialization: Psychology
- Anthony Primo DeThomas.....Dayton
B.S. (University of Maryland); M.Sc.
Dissertation: Nutating Rate Gyroscope (NURAG) Concept
Field of Specialization: Electrical Engineering
- Terry Leroy Dickinson.....Toledo
B.Sc., M.A.
Dissertation: The Effects of Work Interaction and Its Interplay with Task Organization on Team and Member Performance
Field of Specialization: Psychology
- George Richard Dreese.....Cincinnati
B.A. (Providence College); M.B.A.
Dissertation: A Study of the Borrowing Patterns of Eighteen Cleveland Territory, Fourth Federal Reserve District Member Banks over the Period 1961-1965
Field of Specialization: Economics
- Mamata Dutta.....Burdwan, West Bengal, India
B.Ch.E. (Jadavpur University); M.Tech. (Indian Institute of Technology)
Dissertation: The Effect of Molecular Size on Vapor Liquid Equilibria
Field of Specialization: Chemical Engineering
- Edward Paul Dworkin.....Worcester, Mass.
B.A. (Clark University); M.A. (Assumption College)
Dissertation: Recruitment for Inquiry in Education
Field of Specialization: Education
- Clifford Don Fawcett.....Fairborn
B.S. (Utah State University); M.S.E.E. (University of Southern California)
Dissertation: Application of Dynamic Programming to Select Tactics for Air-to-Ground Attack under Uncertainty
Field of Specialization: Industrial Engineering

- James William Gall.....Taylorville, Ill.
 B.S. (Chemistry) (University of Illinois)
Dissertation: Reactions of Sulfur Dioxide with Free Radicals
Field of Specialization: Chemistry
- Manvel Allan Geyer.....Lima
 B.S.E.E. (Ohio Northern University); M.S.E.E. (University of Pittsburgh)
Dissertation: Deadbeat Response of a Brushless Alternator
Field of Specialization: Electrical Engineering
- William Gibson.....Toledo
 Ph.B., M.A., B.Educ. (University of Toledo)
Dissertation: A History of Family and Child Welfare Agencies in Baltimore, 1849-1943
Field of Specialization: History
- Enrique Alejandro Gil.....Buenos Aires, Argentina
 Agr.Eng. (University of Buenos Aires); M.Sc.
Dissertation: Comparative Evaluation of 4-Acetamidoantipyrine and Specific Gravity Techniques with Determined Physical and Chemical Composition in Beef Cattle
Field of Specialization: Animal Science
- James Joseph Gleason.....Wilmington
 B.S. in Ed. (University of Dayton); M.A.
Dissertation: After Innocence: The Later Novels of Edith Wharton
Field of Specialization: English
- Thomas Dickson Graham, Jr.....Delaware
 B.A. (Ohio Wesleyan University); M.A.
Dissertation: A Study of the Misassignment of Public Secondary School Teachers in Ohio
Field of Specialization: Education
- Christopher Allen Griffis.....Houston, Tex.
 Met.Eng. (Colorado School of Mines)
Dissertation: An Analysis of the Energy Absorbed and the Fracture Process in Conventional Notched Bars of AISI 4340 Steel as a Function of Tensile Strength
Field of Specialization: Metallurgical Engineering
- Charles Robert Griffiths.....Foxboro, Mass.
 B.S. in E.E. (Northeastern University); M.Sc.
Dissertation: Dielectric Nonlinearity and Loss in the (Ba, Sr)TiO₃ and (Pb, Sr)TiO₃ Systems
Field of Specialization: Ceramic Engineering
- David Clark Haines.....Lowellville
 B.A. (College of Wooster); M.Sc.
Dissertation: Quasi-Orthogonality in p-Rings
Field of Specialization: Mathematics
- Wayne Lee Hamilton.....Coral Gables, Fla.
 A.B. (Dartmouth College)
Dissertation: Microparticle Deposition on Polar Ice Sheets
Field of Specialization: Geology

- Gary Dean Hodgen.....Frankfort, Ind.
 B.S.A., M.S. (Purdue University)
Dissertation: Purification, Isolation, Identification and Inhibition of Carbonic Anhydrase Isoenzymes by Cadmium Chloride and Acetazolamide
Field of Specialization: Dairy Science
- David Lee Hull.....Cleveland
 B.Sc. in Edu.; M.S. (Math) (University of Wisconsin)
Dissertation: Limit Theorems with Weighted Averages of Random Variables
Field of Specialization: Mathematics
- Frank James Humenik.....Parma
 B.C.E., M.Sc.
Dissertation: The Development and Ecological Relationships of a Continuous, Symbiotic Algal-Bacterial System and Its Applications to Wastewater Nutrient Removal
Field of Specialization: Civil Engineering
- Margaret Ann Jennings.....Cimarron, Kan.
 B.A. (Montana State University); M.Sc.
Dissertation: Transition Metal Complexes of Ambidentate Anions
Field of Specialization: Chemistry
- Thomas John.....Tiruvalla, Kerala, India
 B.A. (University of Kerala); B.T. (University of Gauhati); M.Ed. (Loyola University)
Dissertation: Development and Validation of Criteria and Instruments for an Evaluative Study of the Effectiveness of the U.S. Aided Regional College Program for the Improvement of Secondary School Teacher Education in India
Field of Specialization: Education
- Haskell Lee Jones.....Arkadelphia, Ark.
 B.S. in Edu. (Arkansas State Teachers College); M.S. (University of Arkansas)
Dissertation: The Development of Certain Aspects of Scientific Literacy in College Freshman Physical Science Students
Field of Specialization: Education
- Richard Buckingham Keusch.....Ormond Beach, Fla.
 B.M.E., M.Sc., M.B.A.
Dissertation: Long-range Planning Policies and Practices of Florida-based Companies
Field of Specialization: Business Organization
- Gerald Andrew Killeen.....Athens
 B.A. (Iona College); M.A. (Ohio University)
Dissertation: The Process of Union Recognition in Selected School Districts in Ohio
Field of Specialization: Education
- Kenneth Eugene Kissell.....Columbiana
 B.Sc., M.Sc.
Dissertation: Application of an Infrared Image Tube to Astronomical Spectroscopy
Field of Specialization: Astronomy

- Jasna Jovanović Kragalott.....Columbus
M.A.
Dissertation: The Turkish Loan Words in Ivo Andrić's *Na Drini Cuprija*
Field of Specialization: Slavic Languages and Literature
- Donald Ernest Kuhla.....Staten Island, N. Y.
B.A. (New York University)
Dissertation: Synthesis and Reactions of Specifically Substituted 1*H*-Azepines
Field of Specialization: Chemistry
- Kamal Raj Lodha.....Jodhpur, India
G.B.V.C. (Bombay Veterinary College); M.Sc.
Dissertation: Mating Behavior and Reproduction in the Face Fly, *Musca autumnalis* DeGeer (Diptera: Muscidae)
Field of Specialization: Veterinary Parasitology
- Marshall Woford Logue.....Junction City, Ky.
B.A. (Centre College of Kentucky)
Dissertation: The Synthesis, Photolysis, and Pyrolysis of 6,6'-Dietynyldiphenic Anhydride
Field of Specialization: Chemistry
- William Francis Lyon.....Marengo
B.Sc. in Agr., M.Sc.
Dissertation: Behavioral Response of the Adult Cereal Leaf Beetle *Oulema melanopus* (Linnaeus), (Coleoptera, Chrysomelidae) to Various Chemical Lures
Field of Specialization: Zoology and Entomology
- James Gordon Macmillan.....Bellingham, Wash.
B.A. (Western Washington State College)
Dissertation: 2-Norbornyl Cations
Field of Specialization: Chemistry
- George Herbert Mayhew.....Powell
B.S. (Kent State University); M.Sc.
Dissertation: Seismic Reflection Study of the Subsurface Structure in Western and Central Ohio
Field of Specialization: Geology
- Jeffrey Scott Mehring.....Shaker Heights
B.Sc. in Agr., M.Sc.
Dissertation: Studies on the Metabolism of Glucose, Alpha-amino Nitrogen, Non-esterified Fatty Acids and Lactic Acid in the Horse
Field of Specialization: Animal Science
- Gregg Folger Melde.....San Jose, Calif.
B.S. in Cer.E. (University of Washington)
Dissertation: Reaction Mechanisms for Low-Shrinkage Vitrified Ceramics
Field of Specialization: Ceramic Engineering
- Henry Keith Miller.....Columbus
B.S. in Edu. (Capital University); M.Sc.
Dissertation: Comparative Morphological Studies of Proventriculi in the Order Dictyoptera: Suborder Blattaria
Field of Specialization: Zoology and Entomology

- Gaylord Penrod Patten.....Elberta, Utah
 B.S. (Brigham Young University); M.Sc.
Dissertation: Effect of Seed Orientation on Emergence and Growth of Corn
Field of Specialization: Agronomy
- David Sydney Patton.....Huntington, W. Va.
 B.Sc.
Dissertation: The 7-Norbornenyl and 3-Quadricyclyl Cations
Field of Specialization: Chemistry
- Roy Woodvall Persons, Jr.....Garland, Tex.
 B.A. (Texas Christian University); M.S. (Ohio University)
Dissertation: Interpersonal Intimacy with Recidivists
Field of Specialization: Psychology
- Donald Neil Peterson.....Vandalia
 B.S. (Wittenberg University)
Dissertation: Glaciological Investigations on the Casement Glacier, Southeast Alaska
Field of Specialization: Geology
- Judson Christopher Philips.....Upper Montclair, N. J.
 B.S. (Pennsylvania State University)
Dissertation: The Synthesis of Unsaturated Heterocyclic and Carbocyclic Propellanes
Field of Specialization: Chemistry
- Ralph Lewis Pruitt.....Shaker Heights
 A.B. (Talladega College); M.S. (Atlanta University)
Dissertation: An Analysis of Types of Exercises in Plane Geometry Texts in the United States from 1878 to 1966
Field of Specialization: Education
- Clifford Steven Queen.....Columbus
Dissertation: Non-conservative Function Fields of Genus One
Field of Specialization: Mathematics
- Harland LeRoy Randolph.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: The Communication Ecology of Conflict Transformation and Social Change
Field of Specialization: Speech
- David Barringer Rensch.....Dayton
 B.E.E., M.Sc.
Dissertation: Extinction and Backscatter of Visible and Infrared Laser Radiation by Atmospheric Aerosols
Field of Specialization: Electrical Engineering
- Gary Donald Richmond.....Washington, Pa.
 B.A. (Washington and Jefferson College)
Dissertation: Addition of Electron-Deficient Carbon-Carbon Multiple Bonds to Strained Polycyclic Hydrocarbons; The Chemical and Physical Properties of β -Keto Sulfoxides
Field of Specialization: Chemistry

- David Dorman Robinson.....Cleveland
 B.A., M.A. (Michigan State University)
Dissertation: Predicting Police Effectiveness from Self Reports of Relative Time Spent in Task Performance
Field of Specialization: Psychology
- David Ford Robitaille.....Montreal, Quebec, Canada
 B.A. (University of Montreal); M.A. (University of Detroit)
Dissertation: Selected Behaviors and Attributes of Effective Mathematics Teachers
Field of Specialization: Education
- Elliott Moye Rutledge.....Nashville, Tenn.
 B.S. (Tennessee Polytechnic Institute); M.S. (University of Arkansas)
Dissertation: Loess in Ohio: Composition in Relation to Several Local Rivers
Field of Specialization: Agronomy
- James Taggart Sanders.....Canton
 A.B. (Harvard College); M.A.
Dissertation: A Developmental Study of Preferences for Television Cartoons
Field of Specialization: Psychology
- David Lee Sansbury.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: Silence as a Variable in Counseling Interviews
Field of Specialization: Psychology
- Gobind Saran Saxena.....Jobner, Rajasthan, India
 B.Sc., M.Sc. (Agra University); M.Sc. (University of Rajasthan)
Dissertation: Effect of Environmental Factors and Water-Table Depth on Evaporation Rates from Soils in the Presence of Water Table
Field of Specialization: Agronomy
- Arthur Bernard Scharff.....Memphis, Tenn.
 B.A.; A.M. (Columbia University)
Dissertation: The Old French Chansons De Toile
Field of Specialization: Romance Languages
- Ronald Gabriel Selsby.....New York, N. Y.
 B.A. (Harpur College)
Dissertation: The Relationship Between the Ionization Potential and the State of Aggregation of Adsorbed Cyanine Dyes
Field of Specialization: Physics
- Joseph Jershen Shang.....Dayton
 B.S. (Taiwan Provincial Chen Kung University); M.S. (Astronautics) (Polytechnic Institute of Brooklyn)
Dissertation: Incompressible, Viscous Flow Past a Shallow Step
Field of Specialization: Aeronautical and Astronautical Engineering
- Thomas Gilmore Shroyer.....Worthington
 B.A., B.Sc. in Edu., M.A.
Dissertation: An Investigation of the Semantics of English Sentences as a Proposed Basis for Language Curriculum Materials
Field of Specialization: Education

- Otto Robert Siebenmann.....Seattle, Wash.
 B.A. (University of Toronto)
Dissertation: The Relation of the Individual to Society in the Plays of Bertolt Brecht: 1926-1933
Field of Specialization: German
- Eve Tammisoo Simson.....Columbus
 B.Sc., M.A.
Dissertation: The Faith Healer: A Study of Deliverance Evangelism in the United States
Field of Specialization: Sociology
- Nathaniel Cutright Smith, Jr.....Danville, Ill.
 B.Sc. in Bus.Adm., M.A.
Dissertation: Factors Underlying WISC Performance in Juvenile Public Offenders
Field of Specialization: Psychology
- Richard Vladimir Steffel.....Cleveland
 A.B. (Case Western Reserve University); B.Sc. in Edu., M.A.
Dissertation: Housing for the Working Classes in the East End of London, 1890-1907
Field of Specialization: History
- William Burton Steis.....Columbus
 B.A. (University of Notre Dame); M.A. (University of Florida)
Dissertation: An Analysis of RAI—Radiotelevisione Italiana: The Italian Broadcasting System
Field of Specialization: Speech
- Frank Alexander Stickney.....Washington, D. C.
 B.S.B.A. (Boston University); M.B.A. (Air Force Institute of Technology)
Dissertation: The Authority Perception of the Program Manager in the Aerospace Industry
Field of Specialization: Business Organization
- Dean Edward Svoboda.....Cleveland
 B.E.E., M.Sc.
Dissertation: Phased Array Applications of Antennas with Integrated Electronic Circuits
Field of Specialization: Electrical Engineering
- Chow Loy Tom.....Honolulu, Hawaii
 Edu.B. (University of Hawaii); B.S., M.S. (University of Illinois)
Dissertation: What Teachers Read to Pupils in the Middle Grades
Field of Specialization: Education
- Sopin Tongpan.....Bangkok, Thailand
 B.S. (Kasetsart University); M.S. (Oregon State University)
Dissertation: An Economic Analysis of the Price of Thai Rice
Field of Specialization: Agricultural Economics and Rural Sociology
- Karl Arthur Traul.....Cuyahoga Falls
 B.S. (University of Akron); M.Sc.
Dissertation: Isolation, Purification and Immunochemical Characterization of an Rh₀(D) Active Lipoidal Material from Human Erythrocytes
Field of Specialization: Microbiology

Charles Eugene Trott.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: A Cross-Spectral Model of an Urban System
Field of Specialization: Geography

Ivan Ernest Valentine.....Raleigh, N. C.
 B.S. (Gen. Sci.) (South Dakota State College); M.E. (Colorado State University)
Dissertation: An Assessment of the Two-Year Series of National Leadership Development Institutes in Technical Education
Field of Specialization: Education

John Preston Wilcox.....Columbus
 B.M.E., M.Sc.
Dissertation: Investigation of an Eccentric Planetary Pumping or Metering Device
Field of Specialization: Mechanical Engineering

David Raymond Wortendyke.....Cincinnati
 Elec.Engr. (University of Cincinnati); M.Sc.
Dissertation: Electromagnetic Reflection from a Metal Post Structure
Field of Specialization: Electrical Engineering

Jiunn Shang Yu.....Memphis, Tenn.
 B.E.E., M.S. (University of Florida)
Dissertation: Measurement of Constitutive Parameters Using the Mie Solution of a Scattering Sphere
Field of Specialization: Electrical Engineering

Master of Accounting (One candidate)

Dwight Jay Yoder.....Toledo
 B.Sc. in Bus.Adm.
Field of Specialization: Accounting

Master of Arts (Eighty-nine candidates)

Caryl Jean Altizer.....Waco, Tex.
 B.S. (Bethel College)
Field of Specialization: Education

Pantelis Michael Angelides.....Columbus
 B.A.
Field of Specialization: Political Science

Suree Assawamatiyanont.....Bangkok, Thailand
 B.A. (Sacramento State College)
Field of Specialization: Psychology

John Joseph Bacialli.....St. Louis, Mo.
 B.A. (Saint Louis University)
Field of Specialization: German

Roderick Wayne Barron.....Reno, Nev.
 B.A. (Occidental College)
Field of Specialization: Psychology

- Karen Canning Bell.....Columbus
 B.A. (Grove City College)
Field of Specialization: Education
- Melissa Wells Bixler.....Zanesville
 B.S. in Edu. (Kent State University)
Field of Specialization: Physical Education
- Frank Simms Black, Jr.....Detroit, Mich.
 B.S. in Ed. (Central State University, Ohio)
Field of Specialization: Sociology
- Glenn Clarence Blomquist.....Chesterland
 B.A. (Ohio Wesleyan University)
Field of Specialization: Economics
- Carol L'Heureux Bontempo.....Cos Cob, Conn.
 B.A. (University of Connecticut)
Field of Specialization: Linguistics
- Ronald Briggs.....Liverpool, England
 B.A. (University of Southampton)
Field of Specialization: Geography
- Michael Kent Burns.....Plantation, Fla.
 A.B. (Capital University)
Field of Specialization: Romance Languages
- E. Merlaine Peach Calhoun.....Gallipolis
 A.B. (University of California, Berkeley)
Field of Specialization: Education
- Olivia Lynn Campbell.....Charleston, W. Va.
 B.A. (Morris Harvey College)
Field of Specialization: Speech
- Marie-Claire Charton.....Marseille, France
 B.A. (Jacksonville State College, Alabama)
Field of Specialization: Romance Languages
- Theodore Mirtl Charvat.....Columbus
 B.A.
Field of Specialization: Journalism
- Billie Hall Cirrincione.....Columbus
 B.S. (State University College, Oswego, New York)
Field of Specialization: Education
- Kay Earhart Cloud.....Columbus
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Dorotha Patrick Counts.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Inez Weekley Curry.....Westerville
 A.B. (Salem College, West Virginia)
Field of Specialization: Education

- Frances Bernice DeLott.....Winthrop, Mass.
B.S. (Simmons College)
Field of Specialization: Psychology
- Charles Alva Dominick.....Minerva
B.A. (College of Wooster)
Field of Specialization: History
- Doris Elaine Edmonson.....Dayton
B.A.
Field of Specialization: English
- Ronnie Lyle Fadley.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Ann Upson Femia.....Columbus
B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Bruno Femia.....Mansfield
B.Sc. in Edu.
Field of Specialization: Education
- Leonard A. Ferrante.....Wickliffe
Ph.B. (Borromeo Seminary, Cleveland)
Field of Specialization: Speech
- Elizabeth Sherry Flynn.....Columbus
B.A. (Pace College)
Field of Specialization: English
- Morris Rupert Fowler.....Grove City
B.S. in Ed. (Youngstown University)
Field of Specialization: Education
- Jacquelyn Jean Fynes.....Girard
B.M. (Youngstown University)
Field of Specialization: Music
- Connie Vermillion Goudinoff.....Kenton
B.A., M.A.
Field of Specialization: Art
- Mary Kathryn Graf.....Reynoldsburg
A.B. (Marion College)
Field of Specialization: English
- Lee Grant.....Columbus
B.A.
Field of Specialization: Speech
- Marla Ann Greenfield.....Columbus
B.Sc. in Edu.
Field of Specialization: Romance Languages
- Karen Lenora Gritzmaker.....Botkins
B.Sc. in Edu.
Field of Specialization: Education

- Judith Danford Gussler.....Columbus
B.A.
Field of Specialization: Anthropology
- Jerry Woodland Hammett.....Columbus
B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Charles Gerald Higgins.....Phoenix, Ariz.
B.A. (Arizona State University)
Field of Specialization: Slavic Languages
- Linda McIntyre Hines.....Walton, N. Y.
B.A. (State University of New York at Buffalo)
Field of Specialization: Psychology
- Eitetsu Hirata.....Naha, Okinawa
B.A. (University of Ryukyu)
Field of Specialization: Education
- Martha Jayne Hurst.....Geneva
A.B. (Hiram College)
Field of Specialization: Sociology
- William Driscoll Hussey.....Manchester, N. H.
A.B. (Saint Anselm College)
Field of Specialization: Classics
- Joseph Ira Hyler.....Brooklyn, N. Y.
A.B. (Brooklyn College)
Field of Specialization: Political Science
- Joan Stoltz Kamm.....Columbus
B.S. in Edu. (Miami University)
Field of Specialization: Education
- James Russell Kealey.....Fairfield, Conn.
B.A. (Fairfield University)
Field of Specialization: German
- Alan Lee King.....Newcomerstown
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- June Cummins Kohler.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Liese Koss Kuehn.....Columbus
A.B. (Capital University)
Field of Specialization: German
- Beulah Kay Lewis.....Dayton
B.A. (West Virginia Wesleyan College)
Field of Specialization: Education
- Carol Ann Lutz.....Shelby
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization

- Carol Bode Marty.....Reynoldsburg
B. of Music (Heidelberg College)
Field of Specialization: Music
- Thomas William McAvoy.....Colorado Springs, Colo.
B.A. (Southern Colorado State College)
Field of Specialization: Journalism
- Alice Arn McKnight.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- William Joseph Meyer.....Kent
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Bonnie Marie Meyers.....Fairborn
B.A.
Field of Specialization: Psychology
- Franklin Calvin Mohler, II.....Columbus
B.A.
Field of Specialization: Theatre
- Shirley Glassman Moliff.....Cleveland
B.S. (Edu.) (Kent State University)
Field of Specialization: Education
- Elke Boesherz Morgan.....Columbus
Field of Specialization: German
- Lois Ruth Morse.....Grove City
B.S. in Ed. (Capital University)
Field of Specialization: Education
- Ellen Cooney Needham.....Coshocton
A.B. (Wittenberg University)
Field of Specialization: Speech
- John Phillip Nesser.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Paul Dieter Oeltjen.....Ohrwege, Ammerland, West Germany
Field of Specialization: Psychology
- Robert Francis Paugh.....Youngstown
B.Sc. in Edu.
Field of Specialization: Education
- Lois Shirley Polster.....University Heights
B.A.
Field of Specialization: Romance Languages
- Ann Thomas Powell.....Durham, N. C.
B.A. (University of North Carolina)
Field of Specialization: Speech
- Shahzad Ahmed Rizvi.....Columbus
B.A., M.A. (Vikram University); M.A. (Aligarh Muslim University)
Field of Specialization: Education

- Apparecida Cesar Robert.....Sao Paulo, Brazil
Field of Specialization: Psychology
- Olinde Hedwig Roye.....Columbus
 B.A.
Field of Specialization: German
- Mary Ann Ruehle.....Upper Sandusky
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Dean Fredrick Rust.....Genoa
 B.S. (Bowling Green State University)
Field of Specialization: Political Science
- Dorothy Davies Scott.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- James Vernon Seals, Jr.....Corpus Christi, Tex.
 B.A. (Baylor University)
Field of Specialization: Slavic Languages
- Larry Allan Seitz.....Cleveland
 B.Sc. in Phys.
Field of Specialization: Education
- Frederick Arthur Sexton.....Findlay
 B.A.
Field of Specialization: Political Science
- John Edward Shea.....Troy, N. Y.
 B.A. (State University of New York at Albany)
Field of Specialization: English
- Rosalyn Jean Siegel.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- June Simmermon Slaughter.....Jeffersonville
 B.Sc. in Edu.
Field of Specialization: Education
- Sue Carol Snyder.....Orrville
 B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Betty Jane Anderson Spacagna.....Columbus
 B.A. (Shorter College)
Field of Specialization: Romance Languages
- Gundega Kazaks Spencer.....Columbus
 B.A. (Kalamazoo College)
Field of Specialization: History
- Ray Emerson Stahl.....Johnson City, Tenn.
 B.A. (Bethany College); B.D. (Butler University); Ed.M. (University
 of Pittsburgh)
Field of Specialization: Journalism
- James Martin Swanson.....Columbus
 B.A. (Rice University)
Field of Specialization: Psychology

- Ruthe Natalie Tex.....Pittsburgh, Pa.
 B.S. (University of Pittsburgh)
Field of Specialization: Speech
- Rosemarie Trenjan.....Massillon
 B.A. (Notre Dame College, Ohio)
Field of Specialization: Education
- Sister Barbara Jean Wallace.....Columbus
 A.B. (College of Saint Francis, Joliet, Illinois)
Field of Specialization: Education
- Stewart Lee Weiskind.....Mayfield Heights
 B.A. (Syracuse University)
Field of Specialization: Geography
- Sydney Doane Wild.....Travis Air Force Base, Calif.
 B.A. (Bowling Green State University)
Field of Specialization: Speech
- Robert McKay Wilhelm.....Tavistock, Ont., Canada
 B.A. (Hons.) (McMaster University)
Field of Specialization: Classics
- Fay Kimie Yamashita.....Honolulu, Hawaii
 B.Sc. in Edu.
Field of Specialization: Education

Master of Business Administration *(Twenty-eight candidates)*

- Keith Melvin Bischoff.....Niles
 B.Sc. in Agr.
Field of Specialization: Business Organization
- Dean Hathaway Clingerman.....Bellefontaine
 B.S.Met.E. (University of Cincinnati)
Field of Specialization: Business Organization
- Jack Boyd Cotter.....West Unity
 B.Sc. in Agr.
Field of Specialization: Business Organization
- Pierre Leon Haulot.....Brussels, Belgium
Field of Specialization: Business Organization
- Douglass Kenneth Hawes.....Warren, R. I.
 B.E.E. (Rensselaer Polytechnic Institute)
Field of Specialization: Business Organization
- William Charles Johannes.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Vincent Anthony Mabert.....Garfield Heights
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Giora Matzkin.....Haifa, Israel
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization

- David Ray Maxwell.....Brookfield, Ill.
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Jerre Kent Mellott.....McConnellsburg, Pa.
B.S. (Syracuse University)
Field of Specialization: Business Organization
- William Raymond Morrissey.....Cleveland
B.A. (College of the Holy Cross); M.A.
Field of Specialization: Business Organization
- Robert Joseph Mudd.....Westerville
B. of Elec.Engr. (University of Louisville); M.S.E.E. (University of Wisconsin)
Field of Specialization: Business Organization
- Carl Walter Olsson.....Manchester, Conn.
B.A. (Yale College)
Field of Specialization: Business Organization
- Larry Farnum Perkins.....Miami, Okla.
B.S.Ed. (Kansas State College of Pittsburg)
Field of Specialization: Business Organization
- Louis Keith Pettit.....Columbus
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- John Ryder Poole, II.....Columbus
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Edward Allen Powers.....Ashley
B.B.A. (University of Notre Dame)
Field of Specialization: Business Organization
- Anthony Charles Rowe.....Wadsworth
B.E.E.
Field of Specialization: Business Organization
- Donald Scooler.....Orangeburg, S. C.
A.B. (Brooklyn College)
Field of Specialization: Business Organization
- George Thomas Smith.....Reynoldsburg
B.S.E.E. (Milwaukee School of Engineering)
Field of Specialization: Business Organization
- Don Alan Smylie.....South Euclid
B.S.I.M. (Purdue University)
Field of Specialization: Business Organization
- Clyde Spell.....West Palm Beach, Fla.
B.S. (Florida State University)
Field of Specialization: Business Organization
- Robert Hudson Tidwell.....Columbus
B.Sc. in Phar.
Field of Specialization: Business Organization

David Bruce Tremblay.....Dayton
 B.Mech.Engr. (University of Dayton)
Field of Specialization: Business Organization

Marlowe Edward Ubl.....Akron
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization

Warren William Ware.....Cleveland
 B.Met.E., M.Sc.
Field of Specialization: Business Organization

Jay Frederick Williams.....Centerville
 B.A. (Lawrence University)
Field of Specialization: Business Organization

Ross James Winning, III.....Germantown
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization

Master of City Planning (Two candidates)

Donald Norman Fisk.....Warren
 B. of Arch. (Kent State University)
Field of Specialization: City and Regional Planning

Mark Stein.....Brooklyn, N. Y.
 B.S. (New York Institute of Technology); B.Arch. (University of Oklahoma)
Field of Specialization: City and Regional Planning

Master of Fine Arts (One candidate)

Nancy Crow Stitzlein.....Loudonville
 B.F.A.
Field of Specialization: Fine Arts (Ceramics)

Master of Science (One hundred and nine candidates)

Augusto G. Aguirre.....Manizales, Colombia
 M.D. (University of Caldas, Colombia)
Field of Specialization: Pathology

Marianita Madamba Albano.....Quezon City, Philippines
 B.Sc. (University of the Philippines)
Field of Specialization: Botany

Mohammad Hamid Asghar.....Montgomery, West Pakistan
 B.S. (California State Polytechnic College)
Field of Specialization: Electrical Engineering

*Virginia Ann Ashmun.....Painesville
Field of Specialization: Animal Science

Michael Francis Barlage.....Waverly
 B.E.E.
Field of Specialization: Electrical Engineering

* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

- Peter Nevius Bartram.....Aiken, S. C.
B.S. (Michigan State University)
Field of Specialization: Chemical Engineering
- Robert Anthony Baxter.....Cleveland
B.Chem.E. (University of Detroit)
Field of Specialization: Chemical Engineering
- Maynard Eugene Beery.....Seville
B.Sc. in Agr.
Field of Specialization: Agronomy
- Brian Lewis Belt.....Wadsworth
B.I.E.
Field of Specialization: Industrial Engineering
- Robert Royce Bishop.....Albany
B.Sc. in Agr.
Field of Specialization: Animal Science
- Anan Boonmuchar.....Bangkok, Thailand
B.Eng. (Chulalongkorn University)
Field of Specialization: Civil Engineering
- Gurcharan Singh Brar.....Ferozepore, India
B.Sc. (Engineering) (Punjab University)
Field of Specialization: Civil Engineering
- Marjorie Kerr Brunner.....Damascus
A.B. (Miami University)
Field of Specialization: Pathology
- Alan Robert Brunsman.....Dayton
B.E.E.
Field of Specialization: Mechanical Engineering
- Andrew Frederick Bulfer.....Adelphi, Md.
B.S. in E.E. (Massachusetts Institute of Technology)
Field of Specialization: Electrical Engineering
- Nicholas Byron Bullock.....Brookfield
B.S. (Grove City College)
Field of Specialization: Computer and Information Science
- Dale Allen Castello.....Akron
B.E.E.
Field of Specialization: Electrical Engineering
- John Donald Cercek.....Cleveland
D.D.S.
Field of Specialization: Dentistry
- James August Corso.....Sandusky
B.Sc. in Agr.
Field of Specialization: Horticulture
- Michael Eugene Coughlin.....Topeka, Kan.
B.S. (Saint Louis University)
Field of Specialization: Physics

- Charles Eugene Craig.....Canton
B.I.E.
Field of Specialization: Industrial Engineering
- Danny Joe Crocker.....Springdale
D.D.S.
Field of Specialization: Pathology
- Charles Alan Crotty.....Fairborn
B.S.E.E. (Virginia Polytechnic Institute)
Field of Specialization: Electrical Engineering
- John Daniel Curtis.....Colchester, Ill.
B.S. in Edu. (Western Illinois University)
Field of Specialization: Botany
- Charles Robert Danner, Jr.....Plainfield, Ind.
B.S.A. (Purdue University)
Field of Specialization: Zoology
- Mary Martin Dillingham.....East Cleveland
B.S. Home Ec. (Tuskegee Institute)
Field of Specialization: Preventive Medicine
- Edward Albert Eiswirth.....St. Louis, Mo.
A.B., B.S. in Aero.Engr. (University of Notre Dame)
Field of Specialization: Aeronautical and Astronautical Engineering
- Ralph William Emmons.....Springfield
B.M.E.
Field of Specialization: Mechanical Engineering
- Ram Mohan Engira.....Ludhiana, India
B.Sc. Elec. Engin. (College of Agricultural Engineering, Punjab University)
Field of Specialization: Electrical Engineering
- John Clarence Fisher.....Bucyrus
B.Sc. in Agr.
Field of Specialization: Animal Science
- *Richard Thomas Frank.....Louisville
Field of Specialization: Aeronautical and Astronautical Engineering
- Nancy Pauline Fraser.....Riverdale, Ill.
B.A. (Illinois Wesleyan University)
Field of Specialization: Pathology
- Richard Edward Garcia.....New York, N. Y.
B.A. (C.W. Post College)
Field of Specialization: Physiology
- Donald Ray Garsh.....Columbus
D.D.S. (University of Iowa)
Field of Specialization: Pharmacology
- Sureshchandra Chintaman Ghorpade.....Poona, Maharashtra, India
B.Tech. (Indian Institute of Technology, Bombay); M. Tech. (Indian Institute of Technology, Kharagpur)
Field of Specialization: Metallurgical Engineering
- * Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering

- Edward Francis Glod.....Hubbard
B.S. (Youngstown University)
Field of Specialization: Chemistry
- Peter Charles Goldman.....Columbus
B.Sc.
Field of Specialization: Zoology
- Kenneth Roger Gordon.....Perrysburg
B.S. in Edu. (Capital University)
Field of Specialization: Botany
- Robert William Gotshall.....Carrollton
B.S. (Mount Union College)
Field of Specialization: Physiology
- Mervin Wayne Graham.....Columbus
B.Sc., D.D.S.
Field of Specialization: Dentistry
- DeLorre Salem Haddad.....Medina
D.D.S.
Field of Specialization: Dentistry
- Judith Ann Hanna.....Columbus
B.A.
Field of Specialization: Chemistry
- *Thomas Charles Hartrum.....Cambridge
Field of Specialization: Electrical Engineering
- Fred Joseph Hellinger.....Norfolk, Va.
B.A. (University of Florida)
Field of Specialization: Mathematics
- Sandford Raymond Holdahl.....Rockville, Md.
A.B. (University of Miami, Florida)
Field of Specialization: Geodetic Science
- David Charles Hopkins.....North Royalton
B.Sc.
Field of Specialization: Mathematics
- David Erle Houser.....Marion
B.M.E.
Field of Specialization: Mechanical Engineering
- Ints Kaleps.....Dayton
B.S. (Physics) (Brown University)
Field of Specialization: Physics
- Henry Scott Kane.....Mechanicsburg, Pa.
B.S. (Swarthmore College)
Field of Specialization: Physics
- Rohin Khara.....New Delhi, India
B.Tech. (Indian Institute of Technology, Bombay)
Field of Specialization: Chemical Engineering

* Also Bachelor of Electrical Engineering, College of Engineering

- Marc Owen Kloner.....Akron
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- *John Charles Kovach.....Euclid
Field of Specialization: Aeronautical and Astronautical Engineering
- Lowell Dean Kreager.....Newark
B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Juan Francisco Kuon.....Lima, Peru
B. Industrial Engineering (University Nacional de Ingenieria, Peru)
Field of Specialization: Chemical Engineering
- **Robert Edmond Kuseski.....Pataskala
Field of Specialization: Electrical Engineering
- James Elliott Thomas Laningham.....Richmond, Va.
B.S. (Virginia Polytechnic Institute); D.V.M. (Texas Agricultural and Mechanical University); M.D. (Medical College of Virginia)
Field of Specialization: Pathology
- Robert Maurice Lawson.....Dayton
B.S.M.E. (University of Cincinnati)
Field of Specialization: Industrial Engineering
- Wade Thomas Leakey.....Columbus
B.S.E.E. (University of Oklahoma)
Field of Specialization: Electrical Engineering
- Danai Lekhyananda.....Bangkok, Thailand
B.Eng., M.Eng. (Chulalongkorn University)
Field of Specialization: Electrical Engineering
- Sharon Campbell LeVally.....Columbus
B.Sc. in H.E.
Field of Specialization: Home Economics
- Billy Lee Lockman.....San Diego, Calif.
A.B., B.S. (San Diego State College)
Field of Specialization: Chemistry
- Ralph LeRoy Lyon.....Caledonia
B.Sc. in Phar.
Field of Specialization: Pharmacy
- Sarah Feng Ma.....Cookeville, Tenn.
B.S. (Taiwan Provincial Chung Hsing University)
Field of Specialization: Pathology
- Helena Teixeira Martins.....Bom Sucesso, Brazil
B.S. (Purdue University)
Field of Specialization: Home Economics
- Morris Glen Mast.....Ephrata, Pa.
B.S. in Educ. (Goshen College)
Field of Specialization: Poultry Science

* Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering

** Also Bachelor of Electrical Engineering, College of Engineering

- Michael Gray McCalley.....Towson, Md.
B.S. (United States Air Force Academy)
Field of Specialization: Physics
- John Micheal McCray.....Middletown
B.Sc.
Field of Specialization: Computer and Information Science
- Anne Norton Miller.....Lorain
B.A. (Earlham College)
Field of Specialization: Microbiology
- Catherine Marie Moreau.....St. Nicolas, De Port, France
M.Sc.
Field of Specialization: Computer and Information Science
- James Blair Morton.....North Bergen, N. J.
B.A. (Hastings College)
Field of Specialization: Chemistry
- Donald George Nameche.....Lima
B.I.E.
Field of Specialization: Industrial Engineering
- Gary Lee Nordyke.....Englewood, Colo.
B.S. (United States Air Force Academy)
Field of Specialization: Physics
- Philip Ebelechuku Okoye.....Onitsha, Nigeria
B.C.E.
Field of Specialization: Civil Engineering
- *Robert Ashley Perkins.....Cincinnati
Field of Specialization: Ceramic Engineering
- George Harrison Pommert.....Washington C. H.
B.A. (Ohio Wesleyan University) ; D.D.S.
Field of Specialization: Dentistry
- Hamida Begum Qavi.....Hyderabad, India
B.Sc., M.Sc. (Osmania University)
Field of Specialization: Biochemistry
- Jacub Rais.....Semarang, Indonesia
Field of Specialization: Geodetic Science
- Diva Resende.....Belo-Horizonte, Brazil
B.S. (Oklahoma State University)
Field of Specialization: Home Economics
- Colin Keith Robbins.....Greensboro, N. C.
B.S. (United States Air Force Academy)
Field of Specialization: Industrial Engineering
- Dorothy Ritzie Rodite.....Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Home Economics
- Amy Kuntz Rosenberg.....Columbus
A.B. (George Washington University)
Field of Specialization: Mathematics

* Also Bachelor of Ceramic Engineering, College of Engineering

- Csaba Miklos Rozsa.....Cleveland
B.Sc.
Field of Specialization: Physics
- John David Ruoff.....Wapakoneta
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Willard Francis Sander.....Cincinnati
B.I.E.
Field of Specialization: Industrial Engineering
- David Carroll Sanders.....Sheridan, Ind.
B.S. (Butler University)
Field of Specialization: Chemistry
- Charles Harris Sechler.....Maumee
B.Sc.
Field of Specialization: Computer and Information Science
- John Michael Seifrick.....Westerville
B.S. (Youngstown University)
Field of Specialization: Engineering Mechanics
- Devi Mulchandani Shahaney.....Calcutta, India
B.Sc. (University of Calcutta) ; M.S. (Purdue University)
Field of Specialization: Entomology
- Masid Nassiff Shaheen, Jr.....Columbus
B.S. (University of Cincinnati) ; D.D.S.
Field of Specialization: Dentistry
- Hari Mohan Sharma.....Lucknow, India
M.B.B.S., M.D. (K. G. Medical College)
Field of Specialization: Pathology
- Ramesher Dass Sharma.....Hissar, India
B.Sc. and A.H. (Punjab University)
Field of Specialization: Animal Science
- Larry Anthony Shockling.....Canton
B.M.E.
Field of Specialization: Mechanical Engineering
- Gerald Charles Shumaker.....DeGraff
B.M.E.
Field of Specialization: Mechanical Engineering
- Robert Guy Smith.....Goshen, Ind.
B.Cer.E.
Field of Specialization: Ceramic Engineering
- Arthur Ian Swann.....Sackville, N. B., Canada
M.R.C.V.S. (Royal Veterinary College)
Field of Specialization: Microbiology
- Ronald Eugene Thompson.....Lancaster
B.Sc. in Agr.
Field of Specialization: Agricultural Education

- James Keneth Thomson.....Shenandoah, Ia.
B.S. (Tarkio College)
Field of Specialization: Chemistry
- Edward James Timmer.....Middletown
B.S.Met.Engr. (Purdue University)
Field of Specialization: Metallurgical Engineering
- Bharat Nyalchand Vakil.....Gujarat, India
B.E. (Sardar Patel University)
Field of Specialization: Electrical Engineering
- Dale Brookins Wade.....Columbus
D.D.S.
Field of Specialization: Dentistry
- Klaus Juergen Waibel.....Guttenberg, N. J.
B.S. (University of Maryland)
Field of Specialization: Computer and Information Science
- David Joseph Wesley.....Detroit, Mich.
D.D.S. (University of Detroit)
Field of Specialization: Dentistry
- Richard James Wilders.....Columbus
B.S. (Carnegie Institute of Technology)
Field of Specialization: Mathematics
- Cecil Carl Wristen.....Columbus
B.W.E.
Field of Specialization: Welding Engineering
- Benita Co Yao.....Manila, Philippines
B.S. (Mapua Institute of Technology)
Field of Specialization: Horticulture
- Nicholas Timor Yaworski.....McLean, Va.
B.A. (Rice University)
Field of Specialization: Chemistry
- *John David Yoxtheimer.....Warren
Field of Specialization: Mechanical Engineering
- John Kister Zell.....Kettering
B.I.E.
Field of Specialization: Industrial Engineering
- Roland Zielke.....Koln, West Germany
Field of Specialization: Mathematics
- Master of Science in Public Administration** (One candidate)
- Philip Carl Sammet.....Columbus
B.A.
Field of Specialization: Political Science
- * Also Bachelor of Mechanical Engineering, College of Engineering

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Paul G. Craig

Acting Dean for Undergraduate Programs: Robert A. Oetjen

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts

Dean: O. Lee Rigsby

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Charles L. Babcock

College of Mathematics

and Physical Sciences

Dean: Geoffrey Keller

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts

(One hundred and thirty-seven candidates)

Karlis Julijs Abolins.....	Worthington
Roger Lewis Albrecht.....	Columbus
Mary Ellen Allison.....	Cuyahoga Falls
Marilyn Lenore Andrews.....	East Cleveland
James Joseph Arnold.....	Rocky River
Michael Allen Baer.....	Celina
Robert Alan Barcus.....	Cleveland
Dale Joseph Batty.....	Versailles
Lynn Allen Beaumont.....	Cortland
William Ronald Beaver.....	Columbus
Sharon Martin Betts.....	Columbus
Elizabeth Ann Bliss.....	Marysville
Gerald Marc Bonomini (with Distinction in English).....	Columbus
Susan Alice Brown.....	Columbus
Philip Donald Brust.....	Springfield
Mary Sue Burdick (summa cum laude).....	Arlington, Va.
Samuel Joseph Cardman, Jr.....	Norwalk
Kathleen Louise Cartwright.....	Springfield
Juanita Alene Cavey.....	Jackson
Martin Stuart Chattman.....	Shaker Heights
Sue McCord Cobes.....	Worthington
Harry Minshall Cochran, Jr.....	Columbus
Linda Beth Cohn (cum laude).....	Cincinnati
James Russell Cook.....	Gahanna
Murray Patrick Copeland.....	Columbus
Daniel DeWitt Critchfield.....	Point Pleasant, W. Va.
King Kersten Culp.....	Galion
Jean Elaine Curran.....	Park Ridge, Ill.
John Edwin Davis.....	Columbus
Larry Walter Dick.....	Columbus
Charles Edward Durrant.....	Columbus
Donald Wayne Eaker.....	Columbus
Alan Wayne Evans.....	Nashport
William Edward Ferris.....	Valhalla, N. Y.
James Robert Fletcher.....	Burton
Kathleen Frances Fletcher.....	Columbus

James Wesley Foster.....	Manlius, N. Y.
John Herbert Frazee.....	Cleveland
William Joseph Gabriel.....	Worthington
*Merryl McWhinney Gate.....	Eaton
Ann Marie Gilbert.....	Avon Lake
Richard Alonzo Good.....	Trotwood
Richmond Faithful Green, Jr.....	Columbus
James Lee Haines (cum laude).....	Columbus
Andrea Anne Hanson.....	New Philadelphia
Dale Allen Harcourt.....	Toledo
Margaret Sabina Henry.....	Columbus
Donna Jean Hinderleider.....	Columbus
James Richard Horner.....	Springfield
Janice Lynne Hough.....	Canal Fulton
Gary William Housley.....	Akron
Michaele Edith Hymes.....	Wilmette, Ill.
Cynthia Gay Hyslop.....	St. Clairsville
Joan Jolane Johnson.....	Newton Falls
Judith Ann Johnson.....	Trenton, N. J.
Lynne Marie Kanieski.....	Cleveland
David Valentine Kaprosy.....	Richmond Heights
Karen Louise Keller.....	Bedford
Raymond Lester Keller.....	Reynoldsburg
Michael Brooks Kerrigan.....	White Plains, N. Y.
Mary Catherine Kirwin.....	Columbus
Candace Durbin Korthals.....	Washington, D. C.
Diana Louise Kuhr.....	Dayton
Ann Frances Kuna.....	Scarsdale, N. Y.
Sheila Linda Leff.....	Pittsburgh, Pa.
Billie Ann LePage.....	Cincinnati
Harriet Maxine Lieberman.....	Newark, N. Y.
*Coralie Elizabeth Liggett.....	Georgetown
Kiel G. Mandt.....	Columbus
Karen Affie Martin.....	Newark
William Courtney Martin (summa cum laude).....	Jackson
Edward Victor Mascio.....	Warren
Eugeniusz Matuszewski.....	Parma
Timothy Ivan Maurer (cum laude).....	Fostoria
Richard Porter McCrea.....	Alliance
Ray Scott McCutcheon.....	Akron
Catherine Elizabeth McDaniel.....	Columbus
Frederick Melvin McFadden.....	Columbus
Jonathan Clouse Miller.....	Marysville
Mary English Miller.....	Columbus
Kenneth Paul Mills.....	Columbus
James Roy Minter.....	Richwood
Nelson G. M. Mkandawire.....	Blantyre, Malawi
Charlotte Forgy Morgan.....	Dayton
John Thomas Mullins.....	Kenton
Barbara Diane Neal.....	Akron
Bruce Allen Neely.....	Antwerp
Wallace Harley Offutt, Jr.....	Akron
James Patrick Opelt.....	Columbus
Mollie Lane Painter.....	Zanesville

* Also Bachelor of Science in Education, College of Education

Jessica Melinda Pearce.....	Columbus
Douglas Mahlon Purdin.....	Columbus
David Walter Raymond.....	Springfield
Gabriel Nicholas Repassy.....	Lorain
Allan Mark Resnick.....	Cleveland Heights
Lee Osbun Reynolds.....	Columbus
Vivian Beatrice Rivkin.....	Staten Island, N. Y.
Lindall Lee Rollyson.....	Columbus
Linda Ann Romans.....	Cleveland
Ronald Joel Rothschild.....	Shaker Heights
Stephen Thomas Sanger.....	Norwalk
Gary Philip Schlosberg.....	Columbus
Michael Leonard Scruggs.....	Riverside, Calif.
Georgia Annette Skinn.....	Norwalk
Susan Elaine Skolnik.....	Shaker Heights
Gary Norman Slutzky.....	Dayton
Frank Stone Smith.....	Dayton
Roger William Spinks, Jr.....	Columbus
Cheryl Ann Spray (cum laude).....	St. Marys
Robert Larney Steele.....	Columbus
Ray Roger Stees.....	Ocean City, N. J.
Elizabeth Ann Stein.....	Pittsburgh, Pa.
Jerry Kent Stimpfle.....	Upper Sandusky
James Lawrence Stires.....	Canton
Erich Franz Stocker.....	Columbus
Thomas Carl Sweterlitsch.....	Canton
Jerrel Lee Thompson.....	Columbus
Sarah Marie Thompson.....	Newark
John Tkatschenko.....	Salem
John Wesley Townsend, Jr.....	Chagrin Falls
Gary Parish Turpening.....	Toledo
Jeanne Ann Vinciguerra.....	Wickliffe
Gregory Stephen Waddell.....	Columbus
John Thomas Walker.....	Columbus
David Michael Waltz.....	Massillon
Harry Fred Wartnick.....	St. Louis Park, Minn.
John Steven Wassel.....	Cleveland
Theodore John Waters.....	East Liverpool
Steve Merrick Weed.....	Columbus
Richard Wayne Weimer.....	Columbus
Jane Angerman West.....	Navarre
Douglas Frederick Worth.....	Canton
Amelia Stephanie Wright.....	Kettering
Steve Wukela, Jr.....	Mansfield
Robert Gail Zahller.....	Columbus
Edward James Zell.....	Warrensville Heights
William Florian Zenker, B.Sc. in Bus.Adm.....	Columbus

Bachelor of Science

(Seventy-eight candidates)

Roger Rettig Apple.....	North Baltimore
James Robert Aspinwall, Jr.....	Cincinnati
Frederick Joseph Baddour.....	Cleveland
Melvin Lee Balser.....	Granville
Paul Jeffrey Barans.....	Columbus
Leslie Warren Becars.....	Brecksville

Ronald Wayne Bluff.....	Columbus
Jerry Lee Boroff.....	Fostoria
Danny Eugene Bush.....	Columbus
Roy Hudson Carwile.....	Monmouth, Ill.
Johanna Rae Cavender.....	Findlay
Jessica Ann Coane.....	Trenton, N. J.
Thomas Barrett Cole, Jr.....	Wickliffe
Linda Mary Colombi.....	Cleveland Heights
Harold Raymond Cooper.....	Barnesville
Cynthia Rose Coron.....	Canton
Reynold Marvin Crane, Jr.....	Cleveland
Michael Edward DeCapita.....	Avon Lake
James Edward Dobbins.....	Cincinnati
Laurence Earl Drake.....	Coshocton
Walter Joseph Drugan, Jr.....	Ravenna
James Elwood Durham.....	Okeene, Okla.
Jeffrey Rogers Eibling.....	Columbus
LeRoy August Ellerbrock (summa cum laude).....	Leipsic
Joe Luther Evans.....	Trotwood
John Fredricks.....	Dayton
James Albert French, Jr.....	Addison
Charles Keith Fuqua.....	McComb
Patricia Ann Gavron.....	Lorain
Robert Eugene Geary.....	Cleveland
Jerry Blosser Gerken.....	Logan
Cameron Alexander Gililand.....	Mariemont
Betsy Kay Gottfried (summa cum laude).....	Mansfield
Catherine Weber Gray (cum laude).....	Cincinnati
Martin Eliot Gross.....	South Euclid
John Walter Guthrie.....	Cedarville
Tracy Krafthefer Heeter.....	Columbus
Kim Allyn Heller.....	Columbus
William Michael Hertz.....	Euclid
Steven Lawrence Hogue.....	Dayton
Carroll Dean Howman.....	Mansfield
Cheryl Ann Janson (cum laude).....	Columbus
Alan Joseph Johnson.....	Columbus
Thomas Samuel Jordan.....	Seven Hills
Daryl James Kelly.....	Newark
Robert Louis King.....	Crestline
John William Koerner.....	Warren
Robert Francis Kroeger.....	Youngstown
Mary Alice Lantz.....	Granville
Kenneth Steven Lewis.....	Springfield
Andrea Theodora Lorence.....	Roselle Park, N. J.
Joseph Michael Marzluff.....	Charleston, S. C.
Richard Allen Miller.....	San Antonio, Tex.
Marian Gail Moore.....	Columbus
Richard Walter Osgood.....	Lexington, Mass.
John George Pacek.....	Independence
Louis Gregory Petros.....	Columbus
Raymond Dominic Pochedly.....	Cleveland
Thomas Edward Portsmouth.....	Middletown
Ernest Frank Przybyla.....	Cleveland
David Gene Raymond.....	Columbus
Kenneth Bruce Rehm.....	Cleveland

Mark Reiss.....	Mineola, N. Y.
Thomas Robert Schultz.....	Van Wert
William David Schwartz.....	Golf Manor
Daniel Neal Shaffer (summa cum laude).....	Columbus
Cynthia Marie Shaw.....	Chardon
Robert Noble Sieffert.....	Pittsburgh, Pa.
Russell Myron Smith.....	Cincinnati
Lawrence James Swan.....	Cincinnati
Thom Augustus Tarquinio (cum laude).....	Reynoldsburg
John Donald Tighe.....	University Heights
Kathleen Louise Tilley.....	Columbus
James Edward Tupa.....	Fairview Park
Robert Gary Van Horn.....	Dayton
William Earl Vanscoy.....	Columbus
Frank Joseph Varga, Jr.....	Crestline
Patricia Ann Washburn.....	Columbus

College of The Arts

Dean: O. Lee Rigsby

Bachelor of Fine Arts

(Fourteen candidates)

Nancy Evelyn Deckard (cum laude).....Columbus
Janelle Kress Eubanks.....Dayton
Judith Louise Fell.....Columbus
Doris Elaine Gardner.....Canton
Bruce David Greer.....Stow
Joyce Elmore Hebb, B.S. in Elem.Edu. (Davis and Elkins College)
Columbus
Dianne Ruth McIntyre.....Cleveland
Gayle Pomeroy Minter.....Wilmington, Del.
Mona Sherida Rubin.....Toledo
Steven Lynn Smith.....Columbus
Karen Toni Stas.....Cleveland
Robert Eldon Statz.....Euclid
*Naomi Waksberg.....Miami, Fla.
Karen Jean White.....Coshocton

Bachelor of Music

(Two candidates)

*Connie Tracey Bowman.....Orrville
Carol Jeannette Yoh.....Van Wert

* Also Bachelor of Science in Education, College of Education

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts in Journalism (Seven candidates)

F. Owen DeWolfe.....	Hilliard
Roger Allen Myers.....	Tiffin
Richard Alan Nethers.....	North Royalton
Mary Louise Ringle.....	Tiffin
Rochelle Marcia Scheps (cum laude and with Distinction in Journalism)	University Heights
Jeffery William Shaw.....	Columbus
Sarah Jane Terrill.....	Mystic, Conn.

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

(Ninety-three candidates)

William Richard Aylard.....	Solon
Lloyd David Baker.....	Marysville
Stanley Anthony Bazan, Jr.....	Hinckley
David Tuite Belda.....	Shaker Heights
Dennis Lloyd Biszantz.....	Bay Village
James Curtis Blecke.....	Toledo
Francis Alan Bolton, III.....	Columbus
Frank George Bozick.....	Adena
John Dillon Brady.....	Columbus
Allen Parnell Brown.....	Hillsboro
Albert Daniel Busack.....	Bellaire
Clifford Eugene Byers.....	New Matamoras
Jack Hale Chapman, Jr.....	Columbus
Bette Keyser Clark.....	Columbus
James Robert Clark.....	Columbus
John Nelson Creech, III.....	Dresden
Rodney Lee Crist.....	Baltimore
Wendell Lee Crosswhite.....	Washington C. H.
Stephen Earl Cunningham.....	Columbus
David Russell Dick.....	Bellefontaine
George Rankin Dilworth.....	Canton
Paul Allen Dixon, Jr.....	Columbus
Marjean Ross Donerkiel.....	Lorain
Frank Elwood Douglas, III.....	South Portland, Me.
Mark P. Elliott.....	Cleveland
John Brooks Ewing.....	Tiffin
Dean Forest Failor.....	Monroeville
Robert William Fried.....	South Euclid
Jeanne Warne Frontz.....	Cambridge
Richard Arthur Gable.....	Cuyahoga Falls
Thomas Edward Gable.....	Cuyahoga Falls
James Rowell Gayley.....	Mannington, W. Va.
Robert Joseph Giacometti.....	Endwell, N. Y.
Stuart Mattis Goldman.....	Shaker Heights
Philip Bernard Greenfield.....	Cleveland Heights
Charles Robert Grimm.....	New Philadelphia
Andrew William Gunn.....	Cleveland
Henry Crist Hamilton, III.....	Marion
Kenneth Eugene Harman.....	Columbus
Ruth Ann Heidenreich.....	Batavia
Theodore William Herrmann (cum laude).....	Portsmouth
Donald Gene Howard.....	Tallmadge
John David Howell.....	Columbus
Richard Alan Ille.....	Cincinnati
Irene Elizabeth Isoma.....	Conneaut
Dennis Mark Jenkins.....	Tallmadge
Robert Daniel Joseph.....	Grove City
Thomas Benton Kesling.....	Dayton
Timothy J. Kinney.....	Columbus
Mark Ira Klein.....	Youngstown

William Eugene Kubin.....	Cleveland
Robert Alan Kumin.....	Cleveland
Philip William Lamneck, Jr.....	Columbus
Thomas Lang.....	Cleveland Heights
Stephen Stuart Logue.....	Lancaster
John Timothy Lugar.....	Toledo
Kenneth Milton Mailender.....	Cincinnati
Thaddeus Howard Malesh, Jr.....	Galion
Danny Nolan Martin.....	Lima
Jack Roger Mawhorr.....	Mansfield
Daniel York McCormick.....	Marion
Thomas Glendon McGowen.....	Youngstown
William Lynn Medland.....	Marysville
William George Mitchell.....	Hilliard
Bradford Charles Morley.....	Fairborn
Leo Robert Namy.....	Warrensville
David Norbert Niemeyer.....	Spencerville
Robert Arthur O'Banion.....	Hilliard
David Charles Pasco.....	Greenfield, Ind.
Robert Ernest Preusse, Jr.....	Akron
Jerry Edward Quirie.....	Sandusky
Jeffrey Lee Reznor.....	Columbus
John William Ridgeway.....	Columbus
Nelson Lee Robbins.....	Worthington
Janice Irene Roberts.....	Dearborn Heights, Mich.
Noel Radcliffe Robinson.....	Columbus
Ronald John Schaefer.....	Toledo
Nancy Carol Shekell.....	Defiance
Gary Houston Shirk.....	Marysville
Michael James Shott.....	Columbus
Cinda Lou Sidle.....	Columbus
Glenn Edward Smith.....	Utica
Sheridan Sharp Steele.....	Columbus
Walter Ray Stephens, III.....	Cleveland
David William Umbs.....	Sebring
Arthur William Walsh.....	Worthington
Gerald Thomas Weaver.....	Chillicothe
Clifford Carpenter Whiting, III.....	Marietta
Stephen Lee Wolf.....	Columbus
Howard Thomas Yost, II.....	Worthington
Robert David Zeisler.....	Youngstown
Donald Edward Zittel.....	Yaphank, N. Y.
Stephen Neal Zwelling.....	Columbus

School of Social Work

Bachelor of Science in Social Welfare

(Twenty-one candidates)

Janice Marie Arps.....	Defiance
Judith Anne Bard.....	Rutherford, N. J.
Barbara Fannie Berkan.....	East Williston, N. Y.
Anita Gayle Brewer.....	Dayton
Marion Ermatinger Buchanan.....	Columbus
Joyce B. Butler.....	Columbus
Patricia Sue Diamond.....	Brooklyn, N. Y.
Joann Marie George.....	Bridgeport

Barbara Nancy Herman.....	University Heights
Sharon Spero Lieberman.....	Cleveland Heights
Ronald Baldrige McNabb.....	Columbus
Mary Ann Metz.....	Worthington
Elaine Norr.....	Cleveland Heights
Mary Ann Reindl.....	Mansfield
Nancy Jo Roth.....	Westlake
Carolyn Louise Schlub.....	Springfield
John Orien Thompson.....	Columbus
Roberta Staigers Walkinshaw.....	Cedarville
Kristin Whitaker.....	East Liverpool
Jeanne Thompson Yates.....	Garden City, N. Y.
Karen Gail Zavell.....	Beachwood

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

(Fifty-six candidates)

Jeffrey Scott Aldrich.....	LaGrange
Andrew George Alfred.....	Lancaster
*Virginia Ann Ashmun (cum laude and with Distinction in Animal Science)	Painesville
Robert Wayne Barnes.....	Huron
John Richard Barth.....	Perry, N. Y.
James Russel Bihl.....	Wheelersburg
Laurence Gene Bowman.....	Fostoria
Loren William Buchwalter.....	Smithville
David Merrill Carter.....	Northup
Charles Joseph Cawley.....	Parkersburg, W. Va.
Armour Frederick Cribbs, Jr.....	Clarksburg, Pa.
Richard Horace Davidson.....	Washington C. H.
Larry Harold Dozier.....	Groveport
John Michael Emerich.....	Oberlin
Lawrence Eugene Eubanks.....	West Alexandria
Richard Lynn Ford.....	Lexington
Albert Edward Gaylord.....	Akron
John Conrad Grunner.....	Middletown
John Warren Hines.....	Columbus
John William Hoch.....	Prospect
William Humbert Jelinek.....	Kirtland
David Linden Kahler.....	Dunkirk
Don Miley Keirns.....	Bloomville
David Allen Kish.....	Solon
Judith Klaer.....	New Albany
Glenous MaryEllen Liebherr.....	Toledo
Thomas Alan Liles.....	Worthington
Terrence Edward Lucht.....	Middlefield
Gary Alton Mathes.....	Mark Center
Robert Dale McMillin.....	Lorain
Kenneth Eugene Mock.....	Columbus
Jack Albert Montgomery.....	Clyde
Roger Willard Nash.....	Alexandria
Roger Christopher Freddy Nicol.....	Marysville
Marvin Louis Overmyer.....	Fremont
Larry Dean Parish.....	Richwood
Robert Henry Parkerson (with Distinction in Entomology and Forestry)	Tipp City
Kenneth Orville Paxton.....	Bellefontaine
William Hervev Payne.....	Worthington
Gerald Lee Powell.....	Ada
Ronald Lee Powell.....	Delaware
James Charles Prueter.....	Akron
Roy Burton Reed.....	San Mateo, Calif.
Daniel Clement Rooney.....	Upper Sandusky
Donald Herbert Schriver.....	Grafton
Susan Brunner Scott.....	Marion
Terrence Ronald Smith.....	Batavia
Erle William Taylor.....	Orient
Jeffrey Overton Thomas.....	Columbus

* Also Master of Science, Graduate School

Peter John Turkenburg.....	Madison
Edward Martin Vollborn.....	Bidwell
Dean Verl White.....	Chillicothe
Samuel Dea Wiford.....	Wapakoneta
Michael Earl Wolf.....	Loveland
William Henry Young.....	Springfield
Wayne Richard Zemke.....	Huron

Bachelor of Science in Dairy Technology (One candidate)

Gerald Wayne Burkholder.....	Republic
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Bachelor of Science in Food Technology (One candidate)

Robert Leslie Harrison (cum laude).....	Worthington
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Bachelor of Science in Nutrition (One candidate)

Norman Larry Faucett.....	Cleveland
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School of Home Economics

Bachelor of Science in Home Economics (Thirty-five candidates)

Julie Lynn Anderson.....	Columbus
Karen Kay Auten.....	Cincinnati
Kathleen Watkins Barrett.....	Kenton
Patricia Anderson Beck.....	Topsfield, Mass.
Stephanie Ellen Bestwick.....	Westlake
Brenda Ann Bird.....	Columbus
Maria Joanne Cardasis.....	Lorain
Anita Louise Clary.....	Bellbrook
Janet Dee Cole.....	Ravenswood, W. Va.
Nancy Karen Hawkins.....	Chardon
Robin Elizabeth Hecht.....	Dayton
Florence Ann Hegyi.....	Rocky River
Katie Yoder Lovett.....	Bellefontaine
Jane Clare Mahler (cum laude).....	Columbus
Louise Sarah Malbin (cum laude and with Distinction in Home Economics).....	Cleveland Heights
Joyce Newman McDowell (cum laude).....	Seaman
Sally Fisher McEvoy.....	Wapakoneta
Diana Howard McRoberts (summa cum laude).....	Worthington
Linda Christine Micheli.....	Lima
Linda Ellen Mitchell.....	Marion
Carol Stuckey Mount (cum laude).....	Columbus
Janelda Loueen Nichols.....	Lima
Dothal Lynne Robinson.....	Columbus
Norma Knapp Roessler.....	Atwater
Theresa Miriam Schlegel.....	Columbus
Charlotte Krewson Sent.....	Lakewood
Robyn Sue Stall.....	McComb
Linda Lee Stover.....	Lima
Sandra Jean Szelagowski.....	Toledo
Nancy Ann Walcher.....	North Fairfield
Therese Ann Weaver.....	Carey
Anita Quick Wesley.....	Columbus
Mary Elizabeth White.....	Cadiz
Betty Elsass Winger.....	Sidney
Janis Rae Wright.....	Columbus

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

(Two hundred and thirty candidates)

Carol Ann Aaron.....	Shaker Heights
Jack Ronald Abo.....	Paterson, N. J.
Sally Jean Altenburg.....	Dayton
Lawrence Michael Andrzejewski.....	Toledo
Jane Marilyn Angene (summa cum laude).....	Bucyrus
Mary Louise Anthony.....	Columbus
Nancy Ann Armstrong.....	New Carlisle
Bette Debra Aronstein.....	Mt. Vernon, N. Y.
Phyllis Jean Atwell.....	Columbus
Stephanie Kuhl Auten.....	New York, N. Y.
Sandra Azaroff.....	Marion
Carolyn Hagen Baer (cum laude).....	Celina
Robert William Banfiel.....	Lakewood
Lynnette Ellen Barron.....	Columbus
Dennis Arlo Beer.....	Mansfield
Sandra Lynn Bennett.....	Cleves
Thomas Richard Bente.....	Canton
Susan Lynn Berenson.....	Toledo
Mary Ann Berry.....	Highland
Shirley Baleski Betzhold.....	Gahanna
Margaret Ann Birmingham.....	Cleveland
Anne Jane Bittner.....	Worthington
Thomasina Dorothy Bland.....	Dayton
Lanasue Bloom.....	Reesville
Ruth Ellen Blumenfeld.....	Philadelphia, Pa.
Mary Schaefer Bow.....	Payne
*Connie Tracey Bowman.....	Orrville
James Russell Bowman.....	Columbus
Wayne Sheridan Boyer.....	Groveport
Kathleen Alma Brandon.....	Loveland
Claire Louise Brown.....	Atlanta, Ga.
Morris J. Brown.....	Elyria
Charles Curtis Brunotte.....	Urbana
Sheryl Rich Brunswick.....	Mansfield
Suzanne Elaine Case.....	Worthington
Patricia Worrell Cavendish.....	Columbus
Allen Ward Cerasani.....	Rochester, N. Y.
Jonathan Edward Chorpennning.....	Columbus
Christine Grace Cirigliano.....	Elyria
Jill Diane Clark.....	Columbus
Linda Sue Cline.....	Columbus
Marlene Sue Cohn (cum laude).....	Cincinnati
Catherine Elizabeth Coleman.....	Columbus
Donna Beverly Conison.....	Cincinnati
Sally Ann Coppus.....	Fostoria
Dianna Lee Cox (cum laude).....	Warren
Sheila Marie Davis.....	Chillicothe
Michele Frances Del Bane.....	Hubbard
Janet Myers Denune.....	Sunbury

* Also Bachelor of Music, Colleges of the Arts and Sciences

Joyce Ellen Diehl.....	Columbus
Deborah Anne Douglas.....	Columbus
Sara Randall Drahn.....	Columbus
Jane Ellen Dyer.....	Bay Village
Robert Clarence Eakin.....	Columbus
Peter James Edwards.....	Brentwood, N. Y.
Janis Carolyn Eitelgeorge.....	Mansfield
Cathy Suzanne Ellis.....	Cleveland
Judith Yazel Ewing.....	Bellefontaine
Tova Rae Feinstein.....	University Heights
Joyce Ellen Finke.....	Columbus
Joan Earle Flowers.....	Ruleville, Miss.
Sarah Brannum Flynn.....	Dayton
Melissa Lee Frank.....	Dayton
Lynne Myers Fraunfelder.....	Lodi
John Paul Galovic.....	Cleveland
Lynda Kay Garber.....	Beach City
*Merryl McWhinney Gate.....	Eaton
Bryan Douglas Gerber.....	Newark
Karen Elayne Gieser.....	Willard
Mary Skirving Goldberg.....	Cincinnati
Rozanne Golston.....	Parkersburg, W. Va.
Joyce Myrna Goodman.....	Pennsauken, N. J.
Linda Kline Gordon.....	Mt. Gilead
Donna Beth Haines.....	Wilmington
Barbara Alice Hall.....	East Liverpool
Virginia Carroll Harper (cum laude).....	Cincinnati
Lelia Mae Harris.....	Cleveland
Peter Clay Harris.....	Fairborn
Kay Frances Hart.....	Tiffin
Paul Duane Hartzler.....	West Liberty
Lonnie Kay Harvey.....	Rushsylvania
Linda Kay Heffley.....	Columbus
Judith Zimmerman Heiber.....	University Heights
Jon Jeffrey Heuss.....	Columbus
Nancy Ruth Hewitt.....	Niles
Thomas Earl Hickman, B.A.....	Columbus
Norma Lee Hilbert.....	St. Albans, W. Va.
Daniel Alan Hill.....	Chillicothe
Pamela Anne Hill.....	Canton
Richard Dean Himes.....	Canton
Mary Ellen Hoadley.....	Columbus
Valerie Williams Hoch.....	Columbus
Kathryn Ann Hogya.....	Fairport Harbor
Robert Allen Holmes.....	Girard
Richard Terrence Johnston.....	Toledo
Marianne Doerschlag Kaitsa.....	Delaware
Debra Lynn Kalmbach.....	Sylvania
Karen Helene Kaz.....	Evanston, Ill.
Constance Gordon Kean.....	Hillsboro
Robert William Kendall.....	Worthington
Donald Duane Kerr.....	Jeromesville
Joan Furnis Kerr.....	Worthington
James Fredrick Keyhoe.....	Beverly
Robert MacLean King.....	Columbus

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Larry Lee Kleinhenz, B.F.A.	Dayton
Kristine Sue Knudsen	Minerva
Francine Marie Koneval	Maple Heights
Suzanne Patricia Kosofsky	Southfield, Mich.
David Alan Krol, B.Sc.	Cleveland
Shirley Anne Kronenberger	Columbus
Jessica Jo Lahr	Dover
Patricia Lang	Chevy Chase, Md.
Karen Kay Lanman	Pataskala
Antoinette St. Jean LaVelle	Columbus
Colin Thomas Lawlis	Ashland
Andrea Murl Leach	Glencoe, Ill.
Shirley Dale Leggett	Hilliard
Judith Diane Levine	New York, N. Y.
Susanne Christine Lewis	Mentor
*Coralie Elizabeth Liggett	Georgetown
James Robert Long	Bucyrus
Ronald Stuart Long	Prospect
Mary Ann Reineck Longwell	Norwalk
Clementina Rittenhouse Mackenzie	Hudson
Marsha Jane Martinelli	New Philadelphia
Virginia Reese Marusa	Barberton
Melinda Ellen Mason	Toledo
Cynthia Lyn Mayer	Mobile, Ala.
Jerry Lee McAfee	Logan
Gertrude Van Arsdale McCoy	Columbus
Jack Norman McLane	Columbus
Donna Shields McNair	Newark
Nancy Jean McNeal	Xenia
Nancy Laney Meeker	Columbus
Michael Thomas Melhorn	Quincy
George Michael Merrick, B.A.	Steubenville
Richard Scott Metz	Columbus
Jule Ann Meyer	Wauseon
Hillary Ann Miller	Providence, R. I.
Raejean Hankinson Miller	Endicott, N. Y.
Robert Wesley Miller	Ashland
Darrell Anthony Montonaro	Columbus
Lynda Kathleen Morris	Marysville
Lenore Candice Muko	Elyria
Kathryn Smurthwaite Mullin	Columbus
Melva Elizabeth Murray	Columbus
Cheryl Faye Myers	Newark
Patricia Jeffers Neel	Columbus
Meryl Roberta Neufeld	Great Neck, N. Y.
Frances Rowlands Newell	Columbus
Gail Joy Nidetz	Chicago, Ill.
Eric Lee Nungesser	Galion
Carol Spencer O'Banion	Columbus
Sally Ruth Oddi	Columbus
Molly Vivian O'Donnell	Columbus
Donald John Partsch	Columbus
Betty Lynne Pearce	Columbus
Paul Franklin Petru, II.	Columbus
Leonard Weldon Plants	Worthington

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Lynne Beth Platovsky.....	Elmont, N. Y.
Billy Joe Poling.....	Columbus
Robert Joseph Pond.....	Lynchburg
Theodore Richard Pope, B.Sc.....	Delaware
Diane Foster Ray, B.Sc.....	Columbus
Janice Dahlke Reed.....	Cridersville
Jennifer Johnson Reusser.....	Orrville
Linda Kay Rhoads.....	Columbus
Gayle Patricia Richardson.....	Edina, Minn.
Karen Hobbs Riedman (summa cum laude).....	Columbus
Cathie Rieth.....	Cincinnati
Nancy Bate Rigby.....	Newton Falls
Donald Roger Riley.....	Worthington
Victor Roessler, Jr.....	Columbus
Roberta Daulton Rollins.....	Delaware
Diane Louise Rothman.....	Yardley, Pa.
Margaret Jane Ruck (cum laude).....	Lancaster
Terry William Ruggles.....	Cuyahoga Falls
Mary Frances Sabot.....	Beaumont, Tex.
Ellen Garvin Samson.....	Norristown
Marjorie Lois Archibald Sauma.....	Granville
Taye Nadine Schillinger.....	Chillicothe
Kathryn Marie Schmidt.....	Newark
Sandra Collins Schmidt.....	Pensacola, Fla.
Christine Agnes Schmitt.....	Columbus
Jean Lynette Schneider.....	Warren
Marcia Albert Schonberg.....	Canton
Janet Doreen Schutte.....	Mason
Nelle Lawson Shearer.....	Columbus
Judith Anne Sidner.....	Genoa
Joan Harper Smalley.....	Akron
Diann Marie Smedley (cum laude).....	Amherst
Dale James Smith.....	Cleveland
Linda Sue Smith.....	Ripley
Jean Lynn Soike.....	Trotwood
Susan Ellen Sommer.....	East Norwich, N. Y.
Elizabeth Anne Spangler.....	Columbus
Kenneth Allyn Sprang.....	Columbus
Viera Leng Sprang.....	Parma
Charles Edward Stack.....	Columbus
Janet Kaye Stevens.....	Columbus
Stephan Wallace Stover.....	Columbus
Sandra Erkis Summer.....	Columbus
Karole Chappellear Swain.....	Zanesville
Ralph Michael Swain.....	Zanesville
Christina Wall Swank.....	Loudonville
Mary Jane Takach.....	Dillonvale
Rosemary Wall Taylor.....	Richwood
Sandra Ann Tessier.....	Columbus
Linda Lee Testerman.....	Lebanon
Lauren Diane Tidd.....	Lancaster
Cheryl Watson Turner.....	Germantown
Nancy Pamela Veres.....	Cleveland
Janet Larue Wagner.....	Columbus
*Naomi Waksberg.....	Miami, Fla.

* Also Bachelor of Fine Arts, Colleges of the Arts and Sciences

Lenore Louise Waldron.....Taunton, Mass.
 Lola Kay Waldruff.....Shelby
 Janet Sellman Warner.....New Lebanon
 Alfonzo Garrett Washington.....Columbus
 Elizabeth Watson.....Newcomerstown
 Thomas Lee Wehmann.....Cincinnati
 Elaine Ethel Welsh.....Columbus
 Karen Alexander Wilkens (summa cum laude).....North Vernon, Ind.
 Suzanne Brown Williams.....Worthington
 Joseph Marion Winski, B.Sc. in Bus.Adm.....Dillonvale
 Dorothy Ellen Woods.....Niagara Falls, N. Y.
 Donald Edward Wray.....Columbus
 Carol Ann Yackey.....Dover
 Rose Russo Yonka.....Conneaut
 Rosene Maxwell Zaros (cum laude).....Columbus
 Karen Ann Zimmer.....Dublin

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering (Two candidates)

*Richard Thomas Frank.....Louisville
*John Charles Kovach.....Euclid

Bachelor of Ceramic Engineering (Two candidates)

Clyde Eugene McMurray, B.S. (Harding College).....Columbus
*Robert Ashley Perkins.....Cincinnati

Bachelor of Chemical Engineering (Two candidates)

Scott McComb Barrick.....Alliance
James Louis Braun.....Cincinnati

Bachelor of Civil Engineering (Seven candidates)

John David Common, B.A. (DePauw University).....Kettering
John Robert Long.....Hilliard
Richard Eugene Miller.....Warren
William Raymond Paynter.....Zanesville
James Simon Ridgeway, B.Sc.....Columbus
Lewis Alfred Smith.....Marion
James Robert Ward.....Salem

Bachelor of Electrical Engineering (Eleven candidates)

Thomas Alvin Axx.....Elyria
John Daniel Borrows (cum laude).....Columbus
Harold Loyd Cousino.....Toledo
Rodney Allan Fisher.....Loveland
*Thomas Charles Hartum.....Cambridge
Gary Anthony Krejci.....Independence
*Robert Edmond Kuseski.....Pataskala
Douglas Alan Marsh.....Springfield
Mohamed Ghas Massarani.....Homs, Syria
John Harold Meincer, Jr., B.A.....Toledo
Larry Dale Schavey.....Wooster

Bachelor of Industrial Engineering (Ten candidates)

William Allan Azok.....Lorain
Ronald Larry Dowell.....Orrville
Kenneth Robert Gebhart.....Columbus
James Douglas Henderson.....St. Clairsville
Richard William Henning (cum laude).....Gahanna
Gary Richard Hoffman.....Chillicothe
William Eugene Lust.....Columbus
Roger Allen Mackender.....Shadyside
Michael Gordon McSweeney.....Columbus
David William Ramsey.....Columbus

* Also Master of Science, Graduate School

Bachelor of Mechanical Engineering

(Six candidates)

Roger Glen Green.....	Watertown
Roger Alan Marsh.....	Pittsburgh, Pa.
Bernard James Riley, Jr.....	Whitehall, N. Y.
Kenneth Tatar Small.....	South Euclid
Grosvenor Cook Story, III (summa cum laude).....	Lowell
*John David Yoxtheimer.....	Warren

Bachelor of Science in Mechanical Engineering

(Fourteen candidates)

Warren Paul Baas.....	Cincinnati
Andrew Stephen Bogus.....	Broadview Heights
Richard Dearlo Brown.....	Columbus
Bradley George Buchholz.....	Kettering
Thomas William Cook.....	Dayton
Daniel Edward French.....	Reynoldsburg
David Michael Haas.....	Bainbridge
Terry Joe Hanna.....	Alliance
Edward Earl Lockwood.....	Zanesfield
Allen Lee Lutz.....	Shelby
John Russell Null.....	Sandusky
John Robert Parker.....	Columbus
Ronald James Stecklow.....	Cleveland
Timothy Arlan Yoder.....	Massillon

Bachelor of Metallurgical Engineering

(Two candidates)

Ahmad Reza Eftekhari.....	Teheran, Iran
David William Ryall.....	Cincinnati

School of Architecture

Bachelor of Landscape Architecture

(One candidate)

Donald Gordon Olson.....	Columbus
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* Also Master of Science, Graduate School

College of Medicine

Dean: Richard L. Meiling

School of Allied Medical Professions

Bachelor of Science in Medical Technology

(Two candidates)

Thomas Joseph Pajk.....Willowick
Susan Jane Rumble.....Columbus

Bachelor of Science in Occupational Therapy

(Five candidates)

Ann Marie Boyle.....East Cleveland
LaDonna Nevling Darnell.....Painesville
Nancy Ann Horrigan.....Parma Heights
Joanne Greene Saphire.....University Heights
Patricia Brennan Swan.....Chagrin Falls

Certificate of Nurse Anesthetist

(One candidate)

Mary Ann Mahek.....Crestline

School of Nursing

Bachelor of Science in Nursing

(Nine candidates)

Charlotte Cordial.....Delaware
Rosamond Elizabeth Haught (summa cum laude).....Mingo Junction
Onnie Susan Moseley.....Akron
Alice Ann Mural.....Parma
Ramona Lee Ratcliff.....Chillicothe
Andrea Lea Schmidt.....University Heights
Marilyn Ann Schwertner.....South Euclid
Mary Ann Seeman.....Akron
Melinda Jane Strohl.....Springfield

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND FORTIETH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 10, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, April 10, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker and John H. Dunlap.

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Minutes of the last meeting were approved.

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April 10, 1969 meeting, Board of Trustees

Mr. Bricker, Chairman of the Board, expressed regret at President Fawcett's current illness which prevented him from being present at the meeting. He suggested that the Secretary drop the President a note expressing this regret and the hope that he will soon be recovered and able to return to his duties.

In President Fawcett's absence, Vice President Corbally asked Jay Shaffer, student body President, to introduce the newly elected officers of the undergraduate student government. Mr. Shaffer presented Timothy J. Sheeran and W. Bruce Achenbach, President and Vice President, respectively. He also introduced the retiring Vice President, Crofford J. Macklin, Jr.

Vice President Corbally presented the following recommendations to the Board of Trustees:

I. GENERAL RECOMMENDATIONS

A. Naming of Buildings

Upon the recommendation of the President's Cabinet, it was proposed that the three campus buildings listed below be named as follows:

1. That the building located at 128 North Oval Drive, known as the Fine Arts Building, be named the James R. Hopkins Fine Arts Center.
2. That the Humanities Center - Foreign Languages Building, currently under construction at 1841 Service Building Road, be named The Dieter Cunz Hall of Languages.
3. That the Student Health Facility, currently under construction at 1875 Service Building Road, be named the John W. Wilce Student Health Center.

These proposals are in accordance with the By-Laws of the Board of Trustees. Vice President Corbally recommended that said proposal be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Jones, the Board of Trustees approved the above recommendation by unanimous voice vote.

April 10, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the Arthur Young Professorship of Accounting

Pursuant to the conditions set forth for the establishment of a "Named Professorship," as approved by the Board of Trustees at its January 14, 1965 meeting, Vice President Corbally recommended that the "Arthur Young Professorship of Accounting" be established at The Ohio State University.

The fifteen partners of Arthur Young & Company, Santa Ana, California, who are alumni of The Ohio State University wish to establish the Arthur Young Professorship of Accounting in recognition of this University's contribution to the profession of accounting through its many graduates who have attained national recognition in public accounting and accounting education. The person selected to serve as the Arthur Young Professor should be nationally known in accounting education.

A sum of \$150,000.00 will be provided to the University endowment trust funds to provide the income of \$7,500.00 annually to support this professorship. If this endowment principal does not provide the necessary \$7,500.00 in annual income, the donors will make such supplemental contributions for a five-year period as are required to bring the annual amount to that level.

A nationwide search is to be initiated immediately so that an outstanding person may be appointed to this professorship. If the position has not been filled, however, by September 30, 1971, the donors reserve the right to withdraw the guarantee of five annual payments of \$7,500.00 each and to stipulate that all income from the endowment will be used for such other purposes as they choose, provided that it is mutually agreed that such use is of benefit to the University.

Upon motion of Mr. Ketterer, seconded by Mr. Jones, the Board of Trustees approved the above recommendation by unanimous roll call vote.

April 10, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. New Section to Rules for the University Faculty--
55.00. Open Housing. Rules 55.01, 55.02,
55.03, 55.04, 55.05, 55.06, 55.07 and 55.08

The Faculty Council on March 11, 1969, approved a new section entitled "Open Housing," upon the recommendation of the Committee on Rules to be added to the Rules for the University Faculty. (See Appendix VI, page 531.) These rules (1) establish the policy within the concept of the parietal rule that students shall live only in housing which is available to all students on equal terms without regard to race, religion, color or national origin and (2) provide the necessary bodies, procedures, due process and sanctions for its operation and enforcement.

Vice President Corbally recommended that the said action of the Faculty Council be approved.

Mr. Bricker called for a motion. In the absence of a motion, he expressed appreciation to the student organizations and groups who have devoted a tremendous amount of time in preparing this resolution for their sincerity of purpose. He indicated that the Board had a letter from the Assistant Attorney General as to the legality of this proposal, but that the letter did not discuss the specific items which are presented in the resolution. Since these proposed rules enter a new field which is very complex and complicated and in which enforcement of the proposed rules presents serious problems, the legality and constitutionality should be checked very thoroughly before taking final action. He apologized for not having been able to spend more time reading cases and running down the law on this subject during the past month. He stated "In my judgment we ought to have a definite opinion from the Attorney General. The letter that we have is not such as to the power of this Board to enact a rule effective off the campus such as this will be, regardless of the desirability of it and the desire of members of the Board to vote on it at this time." He pointed out that only six members of the Board were present and that the President was not present. He further stated that "There will be a change next month of three members of the Board and they are the ones that will have to live with these proposed rules and enforce them." He requested the Secretary of the Board to make application to the Attorney General for a formal opinion as to the legality of the proposed rules. He requested and received from the Trustees present general agreement with his position. Mr. Bricker then asked that the President be advised that there was no opposition expressed to the proposal but that the Board simply wanted to take every necessary legal step before a vote is taken.

April 10, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. New Section to Rules for the University Faculty--

55.00. Open Housing. Rules 55.01, 55.02,
55.03, 55.04, 55.05, 55.06, 55.07 and 55.08 (continued)

Dr. Corbally stated "It is my understanding that Mr. Mount in an earlier procedure had sought and received an informal opinion from the Office of the Attorney General and that we would now ask for a formal opinion."

Mr. Bricker responded "We had a letter without any details or any discussion of any of the details or the legal questions that are actually involved in those details. I do appreciate the attitude of the Board."

Mr. Jones stated "Mr. Chairman, I suggest that you approve the questions that are presented to the Attorney General before they are sent."

Mr. Bricker said "If they are submitted to me I would be happy to do so, but I would not want this matter delayed very long. I am quite sure we can obtain an opinion within the next month."

D. Extension of Beverage Policy Approved
at July 11, 1968 Meeting

In accordance with the recommendation to and the action of the Board of Trustees at its July 11, 1968 meeting concerning establishing a policy for the serving of beverages within its jurisdiction, Vice President Corbally recommended that appropriate extension of this policy be made to the Center for Tomorrow which will contain our continuing education programs and to the golf course facility as it was applied to the Faculty Club and Ohio Union respectively.

Upon motion of Mr. Dunlap, seconded by Mr. Ketterer, the Board of Trustees by a roll call vote of five to one with Messrs. Bricker, Ketterer, Jones, Shocknessy and Dunlap voting affirmatively and Mr. Hilliker voting negatively, approved the stated extension of the beverage policy.

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II. PERSONNEL CHANGES

Vice President Corbally recommended that all personnel changes since the March 13, 1969 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointment, Leaves of Absence With Salary and Leaves of Absence Without Salary:

April 10, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointment

Gordon L. Nelson, Professor in and Chairman of the Department of Agricultural Engineering (part time - 50 percent) and Professor in the Cooperative Extension Service (part time - 15 percent), effective July 1, 1969, at a combined salary of \$17,952.00 per annum. Dr. Nelson will hold an appointment at the Ohio Agricultural Research and Development Center for 35 percent of full time.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

John W. Oren, Jr., Instructor (County Extension Agent, Agriculture), effective April 1, 1969 through June 15, 1969, to participate in a program of professional improvement at The Ohio State University.

Edwin E. Zorn, Instructor (County Extension Agent, Agriculture), effective April 1, 1969 through June 15, 1969, to participate in a program of professional improvement at The Ohio State University.

C. Leaves of Absence Without Salary

Eugene Ching, Associate Professor, Division of East Asian Languages and Literatures, effective April 1, 1969 through June 30, 1969, to do research.

Raphael D. Levine, Associate Professor, Department of Chemistry, effective January 1, 1969 through June 30, 1969, to serve as a Visiting Professor at Hebrew University, Jerusalem.

Jerry R. Ehman, Assistant Professor, Department of Electrical Engineering, effective April 1, 1969 through June 30, 1969, to devote full time to completion of dissertation.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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April 10, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, Vice President Corbally recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a1. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Diffusion in Multi-Phase Ternary Systems (to be known as Aeronautical Systems Division Project No. 2193 - Sup. #5 - Department of Metallurgical Engineering).
Gross Value - \$29,997.00.
- a2. Department of Army, U. S. Army Research Office - Durham, Durham, North Carolina, Luminescent Material Preparation and Spectroscopy (to be known as U. S. Army Research Office - Durham Project No. 2419 - Mod. #2 - Department of Electrical Engineering).
Gross Value - \$19,800.00.
- a3. U. S. Army Research Office - Durham, Durham, North Carolina, Investigation of Boundary Layer Control on Airfoils at and Above the Critical Mach Number (to be known as U. S. Army Research Office - Durham Project No. 2426 - Mod. #2 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$30,000.00.
- a4. Atomic Energy Commission, Argonne, Illinois, A Study of the Control of the Levels of Enzymes of Arginine Biosynthesis in Higher Plant Cells (to be known as Atomic Energy Commission Project No. 2560-A - Sup. #1 - College of Biological Sciences - Microbial and Cellular Biology).
Gross Value - \$1,200.00.
- a5. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Development of Diagnostic Techniques for Reacting Gas Flows (to be known as Aeronautical Systems Division Project No. 2751 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$50,900.00.

April 10, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- a6. Department of Health, Education and Welfare, National Air Pollution Control Administration, Durham, North Carolina, Development and Presentation of Course Entitled "Contract Orientation for Project Officers" (to be known as National Air Pollution Control Administration Project No. 2778 - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$3,630.00.
- a7. Rome Air Development Center, Griffiss Air Force Base, New York, Measurement and Analysis of Spectral Signatures (to be known as Rome Air Development Center Project No. 2784 - New - Department of Electrical Engineering).
Gross Value - \$99,062.00.
- a8. U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Washington, D. C., The Age Determination of Calves Used for Meat Production (to be known as U. S. Department of Agriculture Project No. 2790 - New - Department of Veterinary Anatomy).
Gross Value - \$1,997.00.

TOTAL - Government Research Contracts - Federal \$236,586.00

2. Industrial and Other Research Contracts

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, U. S. A. (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. 587848 and 601925 - Department of Surgery).
Gross Value - \$1,603.19.
- a2. Reaction Dynamics, Inc., Chicago, Illinois, Transonic Auto Tests (to be known as Reaction Dynamics, Inc., Project No. 2764 - Sup. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$1,240.00.
- a3. Columbus Area Chamber of Commerce, Columbus, Ohio, Development of a Columbus General Business Index, 1950-1968 (to be known as Columbus Area Chamber of Commerce Project No. 2783 - New - College of Administrative Science, Division of Research).
Gross Value - \$1,984.00.

TOTAL - Industrial and Other Research Contracts \$4,827.19

April 10, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Initiation of Activity in Smooth Muscle (to be known as National Institutes of Health Project No. 874-J - Ext. #10 - Department of Physiology). Gross Value - \$12,918.00.
- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Dental Research, Bethesda, Maryland, Varied Posterior Occlusions in Denture Patients (to be known as National Institutes of Health Project No. 907-I - Ext. #9 - College of Dentistry). Gross Value - \$10,289.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as National Institutes of Health Project No. 1640-E - Sup. #1 - Department of Chemistry). Gross Value - \$450.00.
- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates (to be known as National Institutes of Health Project No. 1820-E - Ext. #5 - Department of Chemistry). Gross Value - \$52,786.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Catalytic Centers of Metal Enzymes (to be known as National Institutes of Health Project No. 1823-C - Ext. #3 - Department of Physiological Chemistry). Gross Value - \$24,406.00.
- a6. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland, Coordination of Phosphine Sulfides and Selenides (to be known as National Institutes of Health Project No. 2171-B - Sup. #1 - Department of Chemistry). Gross Value - \$5,400.00.

April 10, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a7. National Aeronautics and Space Administration, Washington, D. C., Stress Corrosion Cracking of Titanium Alloys (to be known as National Aeronautics and Space Administration Project No. 2267 - Sup. #2 - Department of Metallurgical Engineering).
Gross Value - \$26,116.00.
- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on *in Vivo* Growth of Staphylococci (to be known as National Institutes of Health Project No. 2330-B - Sup. #1 - Department of Medical Microbiology).
Gross Value - \$1,492.00.
- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Mass Spectral Studies of Chlorin Biogenesis (to be known as National Institutes of Health Project No. 2402-B - Ext. #2 - Department of Chemistry).
Gross Value - \$16,016.00.
- a10. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Investigations on Iron-Containing Enzymes (to be known as National Institutes of Health Project No. 2529-B - Ext. #2 - Department of Medicine).
Gross Value - \$21,296.00.
- a11. National Aeronautics and Space Administration, Washington, D. C., Combined Conductive and Radiative End Wall Heat Transfer Behind Reflected Shock Waves in Air and Nitrogen (to be known as National Aeronautics and Space Administration Project No. 2601 - Sup. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$20,000.00.
- a12. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Gastrin in Normal and Abnormal Acid Secretion (to be known as National Institutes of Health Project No. 2606-A - Ext. #1 - Department of Surgery).
Gross Value - \$14,150.00.

April 10, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a13. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as National Institutes of Health Project No. 2762 - New - Department of Veterinary Pathology).
Gross Value - \$56,022.00.
- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Immunosuppression in Renal Heterotransplants (to be known as National Institutes of Health Project No. 2782 - New - Department of Veterinary Surgery and Radiology).
Gross Value - \$11,353.00.
- a15. U. S. Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Transport Phenomena in Highly Ionized Shock Heated Gases (to be known as Air Force Office of Scientific Research Project No. 2785 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$29,965.00.
- a16. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Continuous Analysis of Enzymes and Enzyme Inhibitors (to be known as National Institutes of Health Project No. 2791 - New - College of Pharmacy).
Gross Value - \$17,932.00.

TOTAL - Government Research Grants - Federal \$320,591.00

4. Industrial and Other Research Grants

- a1. Allegheny Foundation, Pittsburgh, Pennsylvania, Clinicopathologic and Genetic Investigations of Primary Canine Glaucoma in the Basset - A Study in Comparative Ophthalmology (to be known as Allegheny Foundation Project No. 2779 - New - Department of Veterinary Pathology).
Gross Value - \$150,000.00.
- a2. American Cancer Society, Inc., New York, New York, Cancer Research (to be known as American Cancer Society, Inc., Project No. 2786 - New - Department of Surgery).
Gross Value - \$35,000.00.

April 10, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- a3. United Health Foundation, New York, New York, A Histo-chemical Study of Chromosomal Aberrations: Sex-linked and Non-sex-linked Enzyme Systems (to be known as United Health Foundation Project No. 2787 - New - Department of Anatomy). Gross Value - \$6,712.00.
- a4. Portage County Branch, Akron District Heart Association, Akron, Ohio, The Effect of Periarterial Neurectomy of the Hepatic Artery on Hepatic Blood Flow After Partial Hepatectomy (to be known as Akron District Heart Association Project No. 2788 - New - Department of Surgery). Gross Value - \$7,077.00.
- a5. American Otological Society, St. Louis, Missouri, The Morphology and Mineralization of Ostosclerosis - A Scanning Electron Microscopic and Electron Microprobe Analytical Study (to be known as American Otological Society Project No. 2789 - New - Department of Otolaryngology). Gross Value - \$10,010.00.

TOTAL - Industrial and Other Research Grants \$208,799.00

The foregoing thirty-two contracts and grants for research in cooperation with Government, Industry and Other represent a gross income of \$770,803.19.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from February 27, 1969 through March 25, 1969, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

- W 124 Coagulation of Clays with Hydrolyzing Metals, U. S. Department of Interior, Washington, D. C. 20240. Gross Value - \$29,200.00.

April 10, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

1. Government Research Contracts (continued)

W 125 The Origin and Development of Microcystis, Anabaena and
Aphanizomenon Blooms in Western Lake Erie, U. S.
Department of Interior, Washington, D. C. 20240.
Gross Value - \$13,000.00.

W 126 Chemical and Sediment Movement from Agricultural Land
Into Lake Erie, U. S. Department of Interior, Washington,
D. C. 20240.
Gross Value - \$32,235.00.

EES 311X Effect of Signal Spacing on Platoon Dispersion, Ohio
Ext. #4 Department of Highways, Columbus, Ohio 43216.
Gross Value - \$16,500.00.

EES 308X Reflectance Characteristics of Pavement Surfaces, Ohio
Ext. #3 Department of Highways, Columbus, Ohio 43216.
Gross Value - \$24,360.00.

EES 299X A Study of Highway Research Needs and Resources, Ohio
Ext. #4 Department of Highways, Columbus, Ohio 43216.
Gross Value - \$28,800.00.

TOTAL - Government Research Contracts \$144,095.00

2. Industrial Research Contract

SC 78 OCD Architects and Engineers Professional Development
Courses, Spring, 1969, National Society of Professional
Engineers, Washington, D. C. 20006.
Gross Value - \$7,295.00.

The foregoing seven contracts for research in the Engineering Experiment
Station represent a gross income of \$151,390.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received
since March 13, 1969, and were reported for the record. Appropriate
expressions of appreciation have been conveyed to the donors.

April 10, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$432, 140.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for the 1969 National Science Foundation Graduate Traineeship Program. This grant provides support for seventy-eight Graduate Traineeships for a period of nine or twelve months, beginning in the fall of 1969 and for fifteen Summer Traineeships for Graduate Teaching Assistants during the summer of 1969. (GZ-1288)
2. \$340, 500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Basic Improvement Grant," under the direction of the College of Medicine, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T02 CH1004-04)
3. \$327, 500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Basic Improvement Grant," under the direction of the College of Dentistry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T02 CH1106-04)
4. \$120, 500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Basic Improvement Grant," under the direction of the College of Optometry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T02 CH1165-04)
5. \$116, 996.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "A Program to Provide Dental Care for the Homebound, Chronically Ill and/or Handicapped in Columbus and Franklin County," under the direction of the College of Dentistry, for the period April 1, 1969 through March 31, 1970. (Grant No. 53009-01-69)
6. \$67, 037.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, to the University for "Pharmacology - Training Grant," under the direction of the Department of Pharmacology, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 GM01417-05)
7. \$30, 000.00 granted by U. S. Atomic Energy Commission, Washington, D. C., to the University for a traineeship program for graduate students in nuclear engineering. [Contract No. AT-(40-1)-3892]

April 10, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

8. \$26,597.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate - Clinical Training Grant," under the direction of the Department of Medicine, for the period March 1, 1969 through February 28, 1970. (Grant No. 5 T02 HE05035-16)
9. \$25,490.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Energy Conversion in Primary Bio-Photoprocesses," for a Development Award - Research Career Program under the direction of the Department of Physics, for the period July 1, 1969 through June 30, 1970. (Grant No. 2 K03 GM21946-06)
10. \$22,466.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training - Dental," under the direction of the College of Dentistry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T12 CA08129-03)
11. \$16,494.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Support," (Health Center Library), under the direction of the University Libraries, for the period January 1, 1969 through December 31, 1969. (Grant No. 5 G01 LM00190-03)
12. \$12,000.00 granted by United States Atomic Energy Commission, Washington, D. C., to the University for the purchase of equipment to be used in the educational program under the direction of the Department of Mechanical Engineering (Nuclear Division). (Grant No. NSE 33-69)
13. \$4,540.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Support," (Veterinary Medicine), under the direction of the University Libraries, for the period January 1, 1969 through December 31, 1969. (Grant No. 5 G01 LM00187-03)

TOTAL - Administered Through the Office of Business and Finance
\$1,542,260.00

B. Received Through The Ohio State University Development Fund

1. \$11,750.00 from The Dispatch Printing Company for the School of Journalism.
2. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, (In the name of Mrs. Marie R. Bremer), for the Bremer Foundation Fund.

April 10, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

3. \$10,000.00 from the Sayre Charitable Fund of the Columbus Foundation, Columbus, Ohio, (In the name of Harrison M. Sayre), for the Presidents Club Special Fund.
4. \$10,000.00 from the Schering Corporation, Union, New Jersey, for the Self-Medication Study Fund in the College of Pharmacy.
5. \$9,000.00 from the Alfred P. Sloan Foundation, New York, New York, for the Sloan Foundation Scholarship Fund.
6. \$6,500.00 from Basic, Incorporated, Bettsville, Ohio, for the Basic Ceramic Engineering Fellowship Fund in the Department of Ceramic Engineering.
7. \$6,300.00 from the American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship Fund in the College of Pharmacy.
8. \$5,000.00 from the Owens-Corning Fiberglas Corporation, Newark, Ohio, for the Owens-Corning Fiberglas Ceramic Mineralogy Fund in the Department of Mineralogy.
9. \$4,700.00 from the Minnesota Mining & Manufacturing Company--
\$3,500.00 for the 3M Fellowship in Ceramic Engineering and \$1,200.00 for the 3M Scholarship in the College of Engineering.
10. \$4,611.50 from the A.A.A.A. Educational Foundation, Inc., for the A.A.A.A. Educational Foundation Research Fund.
11. \$4,085.00 from the Gulf Oil Foundation for the Gulf Oil Corporation Graduate Fellowship Fund.
12. \$3,610.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
13. \$2,607.56 from the National Fund for Graduate Nursing Education, New York, New York, for the Graduate Nursing Education Fund.
14. \$2,400.00 from the Ohio Turfgrass Foundation, Columbus, Ohio, for the Ohio Turfgrass Scholarship Fund.
15. \$1,181.81 from Lawrence D. Stanley for the establishment of the Lawrence D. Stanley Fund for College of Law.

Lawrence D. Stanley Fund for College of Law

The Lawrence D. Stanley Fund for College of Law was established April 10, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mr. Lawrence D. Stanley, B.A. '27, Columbus, Ohio.

April 10, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

15. Lawrence D. Stanley Fund for College of Law (continued)

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used for the benefit of the College of Law as determined by the Dean of said College.

In the event the College of Law as it now exists should be altered in any reorganization of University colleges, schools and departments, the Board of Trustees or successor governing body of the University shall direct use of this income for purposes within the field of Law, as recommended by the appropriate administrative official of the University who is then directly responsible for legal education.

16. \$1,080.00 from Dr. Edwin Sharp Burdell, Maitland, Florida, for the Edwin Sharp Burdell Memorial Fund.

17. \$1,000.00 from Herbert H. Schiff for the Shoe Corporation of America Student Loan Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$93,825.87

C. Gift-in-Kind

1. Arc welding equipment from Lincoln Electric Company for the Department of Welding Engineering.

D. Establishment of New Fund from Previously Reported Gift

Mary W. and Frank E. Pomerene Memorial Fund

The Mary W. and Frank E. Pomerene Memorial Fund was established April 10, 1969, by the Board of Trustees of The Ohio State University with a bequest to the University from the Estate of Mary W. Pomerene, in memory of her husband, Frank E. Pomerene, B. Ph. '91; LL.B. '95, formerly of Coshocton, Ohio.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for medical research, under the direction of the Dean of the College of Medicine, in the fields of prevention and treatment of infectious diseases. The principal may be invaded, if necessary, for these uses.

April 10, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of New Fund from Previously Reported Gift (continued)

Mary W. and Frank E. Pomerene Memorial Fund (continued)

Should these needs cease to exist or so diminish as to provide unused income, or should the College of Medicine cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

E. Funds Received for Royalties Account

\$26,656.00 received in payment for use of patent rights owned by The Ohio State University to be deposited in the fund identified as Royalties Account No. 179027 established by the Board of Trustees at the September 14, 1967, meeting of the Board.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the acceptance of the foregoing grants, gifts, and royalties, and the establishment of the above-specified funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

F. Report from The Ohio State University Development Fund

In February, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	363	\$ 15,792.96
Individuals other than alumni	104	78,542.75
Nonprofit organizations	38	57,908.06
Business concerns	16	29,416.72
	<u>521</u>	<u>\$181,660.49</u>

Of these gifts, 220 totaling \$2,598.43 were undesignated and 301 totaling \$179,062.06 were designated.

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V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, Vice President Corbally recommended that the plans and specifications, bills of materials and estimates of cost for the following projects be approved by the Board of Trustees:

April 10, 1969 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. Comparative Medical Teaching and Research Facility

This new building will replace the temporary Veterinary Hospital on Kenny Road and will provide expanded facilities for research and instruction programs in the College of Veterinary Medicine.

Funds for this project have been provided from S. B. 370, H. B. 202, H. B. 886 and Public Health Service Grants.

B. University College - Building No. 3

This building is a Branch Library for University College, providing bookstacks, student study stations, group study and reading rooms, offices and work areas.

Funds for this project have been provided from H. B. 949, an allocation from the Board of Regents and a Title I Federal Grant.

C. Underground Duct System - Twelfth Avenue

This project involves the installation of underground ducts and manholes to extend and connect the campus duct system to the existing system at 12th Avenue to allow for future alterations and expansion of electrical systems.

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 (Primary Electrical Distribution System).

D. Garage and Laundry Building, Alteration of South Portion

This project will provide remodeling of the former Laundry space in the former Garage and Laundry Building to house the Division of Dance and staff offices and storage space for The Current Digest of the Soviet Press.

Funds for this project have been provided by a transfer from Budget Account 189999 (General Reserve) to Budget Account 801163 (Garage and Laundry Remodeling).

E. University School Building Renovation

This project involves limited remodeling of this building to convert certain classrooms to office space for the College of Education.

Funds for this project have been provided by a transfer from Budget Account 179999 (University Treasurer General Fund) to Budget Account 801140 (University School Remodeling).

April 10, 1969 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

F. Jones Graduate Tower Swimming Pool

At the time the University Architect originally designed the Jones Tower, a swimming pool was included in the project for the use of the residents to provide needed recreational facilities.

In an effort to provide the new Vice President for Student Affairs ample opportunity to consider all phases of his responsibility, the project was held in abeyance until such time as he could consult with graduate students. The consultations have been held and it has now been decided to proceed.

Funds for this project have been provided from Budget Account 801080 (Graduate Swimming Pool).

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Laboratory Animal Center

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 3-14-69)		
Payt Construction Company		
(Columbus, Ohio)		
Base Bid	\$ 767,490.00	\$ 804,000.00
Alt. G-1 Epoxy Finish in Lieu of Enamel	3,390.00	7,500.00
Alt. G-3 Enclose Docks, Buildings 3		
and 4	5,000.00	6,500.00
Total Contract	<u>\$ 775,880.00</u>	<u>\$ 818,000.00</u>

Plumbing Contract

(7 bids received 3-6-69)

Montoney Heating & Piping Company
(Grove City, Ohio)

Base Bid	\$ 307,000.00	\$ 316,315.00
Alt. P-1 Copper Water Line in Building	No change	3,120.00
Total Contract	<u>\$ 307,000.00</u>	<u>\$ 319,435.00</u>

April 10, 1969 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

A. Laboratory Animal Center (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Air Conditioning Contract</u>		
(6 bids received 3-6-69)		
Limbach Company (Columbus, Ohio)		
Base Bid	\$ 178,700.00	\$ 178,847.00
<u>Electrical Contract</u>		
(4 bids received 3-6-69)		
Claggett Electric Company		
(Columbus, Ohio)		
Base Bid	\$ 126,400.00	\$ 158,735.00
<u>Equipment Contract</u>		
(6 bids received 3-6-69)		
NII Laboratory Furniture		
(Hicksville, New York)		
Base Bid	\$ 16,918.00	\$ 24,037.00
<u>Total All Contracts</u>	<u>\$1,404,898.00</u>	<u>\$1,499,054.00</u>

Funds for this project have been provided from Budget Account 179997 (University Treasurer Research), Budget Account 179999 (University Treasurer General Fund), Budget Account 226396 (Mershon Unrestricted), Budget Account 809998 (Hospital), Budget Account 149993 (Plant Funds Reserve) and a Public Health Service Grant.

B. Remodeling of Tuberculosis Hospital (Means Hall)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received 2-14-69)		
Balco, Inc. (Worthington, Ohio)		
Base Bid	\$ 126,800.00	\$ 178,615.00
Alt. G-1 Additional Wall Tile	1,200.00	4,500.00
Alt. G-2 Additional Wall Tile	3,300.00	7,750.00
Alt. G-3 Additional Acoustical Flooring	6,450.00	10,000.00
Alt. G-4 Additional Acoustical Flooring	7,425.00	12,000.00
Alt. G-5 Prefinished Wood Doors	2,950.00	3,400.00
Alt. G-6 Corridor CW Bumper Rail	2,200.00	1,500.00
Alt. G-7 General Work for Alt. H and		
AC-1	950.00	570.00
Alt. G-8 General Work for Alt. H and		
AC-2	700.00	450.00
Total Contract	<u>\$ 151,975.00</u>	<u>\$ 218,785.00</u>

April 10, 1969 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Remodeling of Tuberculosis Hospital (Means Hall) (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(3 bids received 3-20-69)		
Bruner Corporation (Columbus, Ohio)		
Base Bid	\$ 30,600.00	\$ 45,500.00
<u>Heating and Air Conditioning Contract</u>		
(3 bids received 3-20-69)		
Bruner Corporation (Columbus, Ohio)		
Base Bid	\$ 3,445.00	\$ 8,500.00
Alt. H and AC - 1 Air Conditioning, Designated Rooms	18,943.00	19,000.00
Alt. H and AC - 2 Air Conditioning, Designated Rooms	15,908.00	15,000.00
Total Contract	\$ 38,296.00	\$ 42,500.00
<u>Electrical Contract</u>		
(2 bids received 2-24-69)		
Gordon Electric Co. (Columbus, Ohio)		
Base Bid	\$ 78,500.00	\$ 85,000.00
Alt. E-1 Connections for H and AC-1	575.00	1,200.00
Alt. E-2 Connections for H and AC-2	820.00	860.00
Alt. E-3 Fire Alarm Extension	5,000.00	11,000.00
Total Contract	\$ 84,895.00	\$ 98,060.00
<u>Total All Contracts</u>	<u>\$ 305,766.00</u>	<u>\$ 404,845.00</u>

Funds for this project have been provided from Budget Account 960200 (Hospital Rotary) and a grant from the National Heart Institute.

C. West Substation Transfer

	<u>Low Bid</u>	<u>Est. of Cost</u>
(6 bids received 4-1-69)		
Pence Electric Co. (Columbus, Ohio)	\$ 5,647.00	\$ 16,000.00

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 (Primary Electrical Distribution System).

April 10, 1969 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. McCracken Power Plant - Addition to Primary Distribution System

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 4-1-69)		
Jess Howard Electric (Columbus, Ohio)	\$ 29,487.00	\$ 30,000.00

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 (Primary Electrical Distribution System).

E. Boilers 6 and 7, Elimination of Atmospheric Pollution

	<u>Low Bid</u>	<u>Est. of Cost</u>
(7 bids received 4-8-69)		
Lieb-Jackson, Inc. (Columbus, Ohio)		
Base Bid	\$ 105,800.00	\$ 124,990.00
Alt. M-2 Rebuild I. D. Fans, with New 150 HP Motors	13,600.00	16,000.00
Alt. M-4 Remove Ash Hoppers, Dust Hoppers, Dust Collector Internals, P.C. System	8,500.00	12,000.00
Total Contract	<u>\$ 127,900.00</u>	<u>\$ 152,990.00</u>

Funds for this project have been provided by a transfer from Budget Account 149996 (Contingency Reserve) to Budget Account 801179 (Boilers 6 and 7 Conversion).

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. College of Medicine, Expanded Computer Facilities -
Employment of Engineers

Vice President Corbally recommended that the engineering firm of John M. Schweiger & Associates be employed to provide complete professional engineering services for heating, ventilating, air conditioning, plumbing and electrical work for this project, including an engineering survey, design, preparation of drawings, specifications and estimate of cost, checking shop drawings and four inspection trips to review the performance of the contractors.

April 10, 1969 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. College of Medicine, Expanded Computer Facilities -
Employment of Engineers (continued)

The fee for this service is estimated to be \$10,465.00 or 7 per cent of the construction cost of the plumbing, heating and electrical work. Funds for this project have been provided by a transfer from Budget Account 960200 (Hospital Rotary) to Budget Account 801196 (Starling-Loving Computer Facility).

Upon motion of Mr. Ketterer, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

B. Parking Meter Rate Increase

Upon the recommendation of the Commission on Traffic and Parking and with the approval of the President's Cabinet, the following resolution was recommended for approval:

WHEREAS, parking meter rates for on-street pay parking areas have not been increased since 1957; and

WHEREAS, an increase is needed to bring the parking meter rates further in line with the rates charged by the University pay parking lots; and

FURTHERMORE, to bring University parking meter rates in conformity with those now charged by the City of Columbus;

NOW, THEREFORE, BE IT RESOLVED that an increase from 10 cents to 20 cents per hour be made in the University parking meter rates, as approved by the Commission on Traffic and Parking, effective as of June 17, 1969.

Upon motion of Mr. Ketterer, seconded by Mr. Jones, the above resolution was adopted by unanimous roll call vote.

C. Jones Graduate Tower Swimming Pool - Employment of Engineers

Vice President Corbally recommended that the engineering firm of W. E. Monks, Engineers, be employed to provide complete professional engineering services for heating, ventilating, plumbing and electrical work for this project, including design, preparation of drawings, specifications and estimate of cost, checking shop drawings and four inspection trips to review the performance of the contractors.

The fee for this service will be calculated on an hourly basis but not to exceed \$4,500.00. Funds for the project have been provided from Budget Account 801080 (Graduate Swimming Pool).

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

April 10, 1969 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Transportation Research Center, Acquisition of Land

Vice President Corbally presented the following resolution:

WHEREAS, the Ohio Department of Highways has provided the University with a Purchase Order No. 26-0207 to provide reimbursement for land acquisition cost for Highway Transportation Research Center in the amount of \$700,000.00; and

WHEREAS, it has been determined that lands in addition to those already acquired or authorized are necessary to the orderly development and operation of the Transportation Research Center;

BE IT RESOLVED, that the Board of Trustees of The Ohio State University declare the lands outlined in the map entitled "Supplemental Land Acquisition Plan for the Transportation Research Center," dated March 1, 1969, are necessary to achieve the goals described in the Program of Development for the Transportation Research Center, dated November 10, 1966, and establish said lands as part of the Center; and

BE IT FURTHER RESOLVED, that the Board of Trustees of The Ohio State University authorize the President and/or the Vice President for Business and Finance to proceed with the appraisal, negotiation and acquisition of lands as outlined in the map entitled "Supplemental Land Acquisition for the Transportation Research Center," dated March 1, 1969.

Upon motion of Mr. Hilliker, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

E. Telephone Exchange - Expansion of Service

Expanding telephone service needs require additional cabling to the south campus area. In 1970, the Telephone Company will place into operation a new exchange located on West 8th Avenue.

To support this new exchange and to provide interim service between now and the time it can be implemented, it is necessary for the University to install telephone conduit to receive the Telephone Company's cabling on Neil Avenue extending roughly from 17th Avenue to 12th Avenue, with a branch to the Language Building.

Conditions are such that it is essential for the University to seek permission to advertise for a 10-day period in order to complete the work in time for Autumn Quarter, 1969.

Vice President Corbally recommended, therefore, that the President and/or Vice President for Business and Finance be authorized to proceed with

April 10, 1969 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

E. Telephone Exchange - Expansion of Service (continued)

the implementation of this project on a 10-day advertisement basis.
Funds have been provided in Budget Account 124358 (Contract Repair).

Upon motion of Mr. Ketterer, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote.

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VIII. REPORTS

A. Report on the University's Investment Portfolio

The report dated April 9, 1969, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

B. Ninth Annual Student Leadership Recognition Dinner

Vice President Corbally reported that the Ninth Annual Student Leadership Recognition Dinner would be held May 7, 1969, at the Ohio Union.

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Thereupon the Board adjourned to meet Thursday, May 8, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

APPENDIX VI

New Section to Rules for the University Faculty
55.00. Open Housing. Rules 55.01, 55.02,
55.03, 55.04, 55.05, 55.06, 55.07 and 55.08

as approved by the Faculty Council
March 11, 1969

Referred by Board of Trustees to the Attorney
General for a formal opinion
April 10, 1969

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Rules for the University Faculty

The Faculty Council on March 11, 1969, approved the following proposed new section to the Rules for the University Faculty--55.00. Open Housing, upon the recommendation of the Committee on Rules. These rules will be included in the reprinted copy of the Rules for the University Faculty upon approval by the Board of Trustees.

55.00. Open Housing

55.01. The Open Housing Policy.

It is the policy of The Ohio State University that rental housing be available to all of the University's students on equal terms without regard to race, religion, color, or national origin.

55.02. The Open Housing Rule.

- a. (1) No student shall become a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list, as defined in subsection d. This section shall not apply to students living with their parents.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, with knowledge that the premises are on the discriminatory housing list, he shall be liable to recorded probation or suspension.
- b. (1) If a student becomes a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list without knowledge of that fact he shall not continue his residence therein for more than thirty days after he received notice to vacate from the Office of the Vice President for Student Affairs unless he is bound by a lease for a longer time, in which case he shall not continue his residence therein beyond the term required by such lease. The prohibition of this subsection does not apply to a student who resides in the premises at the time of the finding of discrimination, and who remains in the same unit.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, he shall be liable to recorded probation or suspension.
- c. (1) No student shall enter into any arrangement to become a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, with knowledge that the premises are on the discriminatory housing list, he shall be liable to recorded probation or suspension.

Rules for the University Faculty (continued)

55.02. The Open Housing Rule. (continued)

- d. The discriminatory housing list shall consist of those premises which the Open Housing Panel has ordered to be placed on such list for the periods prescribed pursuant to Rule 55.06.
- e. A student is a person who is registered for course credit toward a University degree or who is seeking housing in preparation for registration and candidacy.
- f. Any charge that a student has violated this rule shall be subject to a hearing, in conformity with due process, by the appropriate tribunal charged with the adjudication of violations of University rules.

55.03. The Open Housing Panel.

The Open Housing Panel shall consist of:

Six faculty members selected by vote of the Faculty Council, at least one of whom shall be a member of the Faculty Council;

Three undergraduate student members selected by vote of the Student Assembly;

One graduate student member selected by vote of the Council of Graduate Students;

One professional student member selected by vote of the Professional College Council.

Faculty members of the Open Housing Panel shall be designated for a term of two years. The initial Panel shall decide by lot which three faculty members shall serve for a one-year term so that three positions will become vacant each year. Student members of the Panel shall serve for a term of one year. Faculty and student members may serve successive terms.

Vacancies shall be filled in the same manner that the position which has become vacant was filled; those appointed to fill vacancies shall serve out the term of the member they are replacing.

The Open Housing Panel shall elect its own chairman and such other officers as the members deem appropriate. The Panel shall keep a record of each case consisting of a brief description of the facts, the decision (including any concurring or dissenting opinion), and the vote of each member. These case records shall be filed with the Vice President for Student Affairs, who shall maintain them, and make them available to the Panel, parties, and the public at reasonable times in accordance with a published schedule.

The Open Housing Panel shall adopt its own rules of procedure not inconsistent with these provisions.

Rules for the University Faculty (continued)

55.04. Complaints.

- a. Any student, the Vice President for Student Affairs, or the Director of Housing may lodge a complaint that an owner, landlord or the authorized agent of either has discriminated in the rental of housing to students on the grounds of race, religion, color or national origin with the Office of the Special Assistant for Student Affairs within six months of the alleged act of discrimination.
- b. The complaint shall contain a statement of the acts alleged to constitute the discrimination.
- c. The Special Assistant shall use student investigators for the purpose of determining whether owners, landlords, or their authorized agents discriminate on the grounds of race, religion, color, or national origin in the rental of housing.

55.05. The Hearing.

- a. Upon receipt of a complaint, the Special Assistant shall:
 - (1) Request the Open Housing Panel to convene a public hearing to determine whether the named owner, landlord, or an agent of either, discriminated against the University's students in the rental of housing on the basis of race, religion, color, or national origin.
 - (2) Serve by registered mail upon the landlord, owner, or authorized agent in charge of the premises a copy of the complaint and of this rule.
- b. The Special Assistant or the complainant may present evidence material to a determination of the charges and cross-examine witnesses, with or without the aid of counsel, at a hearing convened for the purpose by the Panel.
- c. The Open Housing Panel shall, on the written request of the Special Assistant, conduct a public hearing no earlier than ten days after the making of the complaint and its notice of hearing to the Special Assistant, the complainant, and the party charged with discrimination, who shall be advised of his right to appear, to be represented by counsel, to present witnesses, and to cross-examine witnesses who testify.

55.06. Findings.

After considering only the evidence admitted at the hearing, the Open Housing Panel shall determine whether the owner, landlord, or the authorized agent of either of them has refused to rent on equal terms without regard to race, religion, color, or national origin to all of the University's students. A refusal to rent shall include those situations where the owner, landlord, or authorized agent

Rules for the University Faculty (continued)

55.06. Findings. (continued)

refuses to rent premises to a student who is gathering evidence to determine whether the owner, landlord, or authorized agent discriminates within the meaning of this rule.

If the Open Housing Panel finds by a preponderance of the evidence that there has been such a discriminatory refusal to rent, it shall enter a determination that the premises be placed on the discriminatory housing list.

Any premises placed on the discriminatory housing list shall remain on the list for the period prescribed by the Open Housing Panel, but it shall not be less than one year nor more than three years. However, in extreme circumstances, the Panel may prescribe a period of less than one year provided that its reasons are included in the record provided for in Rule 55.03. No premises shall be removed from the discriminatory housing list until: (a) the period prescribed by the Open Housing Panel has ended, (b) a written pledge of compliance with this rule has been received from the landlord or owner of the premises, and (c) with reference to premises which are rented through an agent, (i) the owner or landlord has given the agent written instructions to comply with this rule, (ii) has submitted a copy of said instructions to the Open Housing Panel, (iii) has received the Open Housing Panel's approval of such instructions, and (iv) has pledged in writing to give such approved written instructions to all future agents.

If the Panel finds that the landlord or owner has breached a pledge previously given under this section the premises shall be placed on the discriminatory housing list for a period of not less than three years.

55.07. The Discriminatory Housing List.

The Vice President for Student Affairs, upon receipt of a decision of discrimination by the Open Housing Panel shall place the premises wherein the discrimination took place on the discriminatory housing list. He shall also notify the owner or landlord of the premises that none of the University's students will be permitted to become residents of or make any arrangement to become a resident of the building for the period of time determined by the Open Housing Panel.

Any owner or landlord, or authorized agent who knowingly rents or enters into any arrangement to rent housing to a student in premises which he has been notified are on the discriminatory housing list shall, after a hearing establishing this fact, have the term of listing extended for three additional years. A complaint of violation of this section shall be processed in accordance with Rules 55.04 and 55.05.

55.08. Notice.

The discriminatory housing list, divided by geographical area, shall be published periodically in the Lantern, and shall be included in the registration materials of every student together with a copy of this rule.

Rules for the University Faculty (continued)

55.08. Notice. (continued)

A copy of this rule shall be conspicuously published in a newspaper of general circulation at least five times during the month preceding the commencement of each quarter. A copy of this rule shall also be sent or delivered to each landlord who is known to the University to have student tenants in Franklin County.

The Lantern shall not accept or print any advertisement for rental of any building on the discriminatory housing list.

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND FORTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 8, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, May 8, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Chairman, Jack G. Gibbs, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford and John H. Dunlap.

* * *

Minutes of the last meeting were approved.

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The Chairman, Mr. Bricker, announced the appointment of two new members of the Board of Trustees of The Ohio State University made by Governor James A. Rhodes:

Mr. Jack G. Gibbs, who was appointed to fill the unexpired term of Dr. Bertram D. Thomas, beginning April 9, 1969, and ending May 13, 1970, with appointee taking office May 5, 1969. Dr. Thomas' resignation was accepted April 8, 1969.

Mr. Frederick R. Eckley, who was appointed to fill the unexpired term of Mr. Mervin B. France, beginning April 5, 1969, and ending May 13, 1973, with appointee taking office May 5, 1969. Mr. France's resignation was accepted April 4, 1969.

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May 8, 1969 meeting, Board of Trustees

ELECTION OF OFFICERS

Mr. Shocknessy moved that the following-named persons be placed in nomination as officers for the Board of Trustees, whose terms of office shall be effective May 14, 1969, and shall continue through the May, 1970, meeting of the Board:

Chairman	- John G. Ketterer
Vice Chairman	- Frederick E. Jones
Secretary	- Edward Q. Moulton
Treasurer	- Gordon B. Carson

Mr. Safford seconded the motion, and the above-named persons were elected to the offices as indicated by unanimous vote of the Board.

President Fawcett expressed satisfaction at having so many visitors present at the meeting. He also took this occasion to thank the members of the staff who had filled in so capably during his absence from April 1 through April 22 due to his eye operation. He commended his colleagues for their dedicated service and for carrying on so ably in the performance of their duties.

President Fawcett presented the following recommendations:

Attorney General's Ruling in Regard to the New Section to the Rules
for the University Faculty--55.00. Open Housing. Rules 55.01,
55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09

The President presented the following statement pertaining to the Open Housing Rule and recommended its approval:

The proposed Open Housing Rule, now before the Board has the considered support of the major representative bodies of The Ohio State University. I recommend its adoption based upon our continuing interest in the equal availability of student housing under a policy of nondiscrimination.

We now have an opinion of the Attorney General (see Appendix VII, page 571) which, in essence, states that the Board has the requisite authority to adopt the proposed rule. After careful study, it also appears that the Attorney General has declared no legal prohibitions to the rule. He did, however, add caveats to his opinion, particularly pointing out concerns for a due process which would protect the rights of property owners affected by the rule. I have no doubt that appropriate procedures will be adopted by the panel which will provide a full-faith provision for a uniform due process insuring fair hearings to all parties.

It is my judgment that the advice of the Attorney General can best be accepted with the addition to the rule of an appellate procedure by the following addition:

May 8, 1969 meeting, Board of Trustees

Attorney General's Ruling in Regard to the New Section to the Rules
for the University Faculty--55.00. Open Housing. Rules 55.01,
55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09 (continued)

55.09. Appeals.

Appeals from decisions of the Open Housing Panel shall be taken in writing within ten days to a three-member Housing Appeals Panel hereby created, consisting of one student member, one faculty member and one administrative member, each of whom shall be appointed annually by the President in keeping with the duly constituted authority for student affairs as delegated by the Board to the President.

The Housing Appeals Panel shall elect its own chairman, establish rules of procedure for such appellate hearing and make determination in such appeals.

55.07. The Discriminatory Housing List.

Insert after shall, . . . place (page 4, line two)
(after the ten-day period for taking an appeal or
after determination upon appeal,)

Experience with the administration of the rule or possible future court rulings may well necessitate further revision. We will, of course, make any subsequent changes required to guarantee rights of all in our efforts to make equal housing available to all our students. Clearly nothing in our rule or procedures precludes the application of appropriate civil procedures, the seeking of individual remedies before the Ohio Civil Rights Commission or of recourse to the courts.

As I have indicated previously, I have not known of a proposal which has received more considered attention by, or represents a greater unanimity of, this academic community. Adoption of this rule will be a major step forward in advancing the interest of the Board and the University in housing facilities and nondiscrimination.

Upon motion of Mr. Gibbs, seconded by Mr. Ketterer, the Board of Trustees approved the new section of the Rules for the University Faculty (55.00. Open Housing) by a unanimous roll call vote, with Mr. Bricker not voting. The Secretary was authorized to include said section in the Rules for the University Faculty.

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May 8, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS

A. Establishment of New Graduate Degree Programs in Public Administration

The Faculty Council on April 8, 1969, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees and the Board of Regents the recommendation that new programs in the area of public administration be authorized as follows:

1. The Master of Public Administration program will provide for leadership careers in government organizations at all levels.
2. The Master of Arts program with a field of specialization in public administration will offer greater flexibility for students desiring a specialized course of study.
3. The Doctor of Philosophy program will prepare a student for an academic career of teaching and research. It also will provide preparation for top level administrative and research careers in public agencies.

Responsibility for these degrees will be transferred from the Department of Political Science to the Division of Public Administration of the College of Administrative Science. The proposed programs will have three basic aims: (1) to offer an instructional program at the master's and doctoral levels emphasizing the knowledge, skills and attitudes required for leadership in the public sector; (2) to engage in research for new knowledge to solve major public policy and administrative problems; and (3) to serve the community by offering continuing education for public administrators and by assisting in the solution of current problems.

President Fawcett recommended that the above proposal to establish the new graduate degree programs in the Division of Public Administration of the College of Administrative Science be approved by the Board of Trustees, and pursuant to Section 3333.04 of the Revised Code of Ohio, that the proposal be forwarded to the Board of Regents; and further, subject to the approval of the Board of Regents, that this program become effective Autumn Quarter, 1969.

Upon motion of Mr. Ketterer, seconded by Mr. Gibbs, the Board of Trustees approved the above recommendation by unanimous voice vote.

B. Authorization to Grant the Degree--Bachelor of Science in Allied Health Professions

The Faculty Council on April 8, 1969, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees and the Board of Regents the recommendation that a new undergraduate degree, Bachelor of Science in Allied Health Professions, be offered within the School of Allied Medical Professions of the College of Medicine. This new degree will encompass the major areas of study offered by the School; namely, medical communications and circulation technology.

May 8, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Authorization to Grant the Degree--Bachelor of Science in Allied Health Professions (continued)

President Fawcett recommended that the present degrees offered within the School of Allied Medical Professions of the College of Medicine (Bachelor of Science in Medical Dietetics, Bachelor of Science in Medical Illustration, Bachelor of Science in Occupational Therapy, Bachelor of Science in Medical Technology and Bachelor of Science in Physical Therapy) be withdrawn and that the present areas of concentration represented by these degrees be offered as major areas of study under the proposed Bachelor of Science in Allied Health Professions. Students entering the School prior to Summer Quarter, 1970, would be permitted to elect admission to one of the present degree programs.

It was recommended further that the above proposal to establish the new undergraduate degree program in the School of Allied Medical Professions of the College of Medicine be approved by the Board of Trustees, and pursuant to Section 3333.04 of the Revised Code of Ohio, that the proposal be forwarded to the Board of Regents; and further, subject to the approval of the Board of Regents, that this action become effective Summer Quarter, 1970.

Upon motion of Mr. Dunlap, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendations by unanimous voice vote.

C. Program in School of Allied Medical Professions of the College of Medicine Leading to Master of Science Degree

The Council on Academic Affairs approved the recommendation of the Graduate Council that there be established a degree program leading to the Master of Science degree in the School of Allied Medical Professions of the College of Medicine. This request was subsequently approved by the Faculty Council on April 8, 1969.

Based on the curriculum design of utilizing core courses for improved education in allied medical professions, the proposed graduate program would involve an interdisciplinary core approach. This program would provide various professional areas of strength to contribute to the student's preparation for teaching, understanding basic research methods, administering programs, communicating and strengthening his professional roles in allied health.

It was recommended that this proposal from the Faculty Council be approved by the Board of Trustees and that this program become effective Autumn Quarter, 1969.

Upon motion of Mr. Gibbs, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous voice vote.

May 8, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Alternate Set of Requirements for Awarding the Master's Degree

The Faculty Council on April 8, 1969, approved the proposal from the Council on Academic Affairs that a student who has been admitted to candidacy for the doctor of philosophy degree may be recommended for the appropriate master's degree by the departmental graduate committee (or equivalent) without prejudice to his status as a candidate for the doctorate.

This recommendation is intended to provide for students who have only a baccalaureate degree and whose candidacy for the doctor of philosophy degree has been canceled because of the seven-year time limitation. The master's degree would be retroactively awarded to said doctor of philosophy degree candidate who had bypassed the master's degree.

President Fawcett recommended that the said action of the Faculty Council be approved.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous voice vote.

E. Revision of Rule 63.01 of Rules for the University Faculty

President Fawcett recommended that Rule 63.01 of Rules for the University Faculty pertaining to rights to and interests in patentable discoveries and inventions resulting from research or investigation conducted in any facility of The Ohio State University be revised as follows:

1. In the first paragraph of Section 3, add the phrase as noted in the underscoring:

Section 3. The President of the University is hereby empowered and authorized, after receiving the advice of a committee of University faculty and administrative personnel which he shall appoint, (known as the Patent Advisory Committee), to:

2. Delete item (f) in Section 3 and include it as part of the new Section 4.
3. Add Section 4 and Section 5 as follows:

Section 4. The President of the University is hereby empowered and authorized, after receiving the recommendation of the Vice President for Business and Finance, to

Sell, assign, convey or grant any such patentable discoveries and inventions or any rights or shares in such discoveries and inventions or the proceeds thereof, on behalf of The Ohio State University, to such persons, firms or governmental agencies for

May 8, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Revision of Rule 63.01 of Rules for the University Faculty (continued)

such consideration or upon such terms and conditions, including dedication to the public, as shall be deemed by him to be proper and in the best interest of the University.

Section 5. The Patent Advisory Committee shall recommend to the Vice President for Business and Finance of the University probable sources for licensing patent use and shall advise that office on reasonable terms of license agreements.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was authorized to include said revision in the next printing of the Rules for the University Faculty.

F. Degrees and Certificates Conferred--Spring Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 7, 1969, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix VIII, page 591.)

Upon motion of Mr. Shocknessy, seconded by Mr. Jones, the Board of Trustees approved the above recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the April 10, 1969 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Promotions, Leaves of Absence Without Salary and Emeritus Titles:

A. Promotions

Lawrence J. R. Herson from Professor in and Chairman of the Department of Political Science to Dean for Undergraduate Programs for the Colleges of the Arts and Sciences, effective October 1, 1969, at a salary to be established with the 1969-70 budget.

May 8, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Promotions (continued)

Edward C. Naber from Professor in the Department of Poultry Science to Professor in and Chairman of the Department of Poultry Science (part time - 65 percent) and Professor in the Cooperative Extension Service (part time - 10 percent), effective July 1, 1969, at a combined salary of \$15,108.00 per annum. Dr. Naber will hold an appointment at the Ohio Agricultural Research and Development Center for 25 percent of full time.

B. Leaves of Absence Without Salary

Kenneth M. Abbott, Professor, Department of Classics, October 1, 1969 through September 30, 1970, to serve as a Visiting Professor at the University of Illinois.

Byron L. Bondurant, Professor, Department of Agricultural Engineering, July 1, 1969 through June 30, 1970, to continue as a long-term consultant under the Ford Foundation grant at the Punjab Agricultural University, Ludhiana, Punjab, India.

W. Arthur Cullman, Professor, College of Administrative Science - Marketing, October 1, 1969 through June 30, 1970, to participate in the instruction program at the Management Development Institute in Switzerland.

Maurice Kelman, Professor, College of Law, October 1, 1969 through September 30, 1970, to serve as a special assistant to the Mayor of Detroit.

Glenn W. Miller, Professor, Department of Economics, October 1, 1969 through September 30, 1970, to teach at Wichita State University.

Peter J. Roquette, Professor, Department of Mathematics, October 1, 1969 through September 30, 1970, to engage in instruction and research at the University of Heidelberg, Heidelberg, Germany.

Alan Schwarz, Professor, College of Law, October 1, 1969 through September 30, 1970, to be a Visiting Professor at the University of Oregon.

Jesse M. Shapiro, Professor, Department of Mathematics, October 1, 1969 through September 30, 1970, to do research and study at the University of Minneapolis, Minneapolis, Minnesota.

May 8, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Ronald B. Sklar, Associate Professor, College of Law, October 1, 1969 through September 30, 1970, to teach at Haile Sellassie I University.

Thomas N. Woodson, Associate Professor, Department of English, October 1, 1969 through September 30, 1970, to be a Visiting Associate Professor at Yale University.

Eileen L. Bonney, Assistant Professor, School of Music, October 1, 1969 through September 30, 1970, to complete work on doctorate.

Harry H. Chandler, Assistant Professor, College of Dentistry, October 1, 1969 through September 30, 1970, to continue the position as Research Associate at the National Bureau of Standards - Dental Division, Washington, D. C.

Ronald B. Gold, Assistant Professor, Department of Economics, October 1, 1969 through September 30, 1970, to work in the Office of Tax Analysis (Treasury Department).

John S. Hsia, Assistant Professor, Department of Mathematics, October 1, 1969 through September 30, 1970, to engage in research at the Mathematical Institute, Gottingen, Federated Republic of Germany.

Horst Gunter Zimmer, Assistant Professor, Department of Mathematics, October 1, 1969 through September 30, 1970, to be a Visiting Assistant Professor for the Algebra Year in California at the University of California at Los Angeles.

Paul E. Droste, Instructor, School of Music, October 1, 1969 through September 30, 1970, to complete residency requirement for doctorate.

Charles R. Oaklief, Instructor, Cooperative Extension Service, July 1, 1969 through June 30, 1970, to participate in a program of professional improvement at The Ohio State University.

Rosemary D. Platt, Instructor, School of Music, October 1, 1969 through September 30, 1970, to complete residency requirement for doctorate.

C. James Schmidt, Instructor, University Libraries, May 1, 1969 through May 25, 1969, to engage in teaching at the School of Library Science, Immaculate Heart College, Los Angeles, California.

May 8, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles

Edmund D. Ayres, Professor Emeritus, Department of Electrical Engineering, effective July 1, 1969.

Jorgen M. Birkeland, Professor Emeritus, College of Biological Sciences - Microbial and Cellular Biology, effective July 1, 1969.

Mikhail V. Condoide, Professor Emeritus, Department of Economics, effective July 1, 1969.

Robert M. Estrich, Professor Emeritus, Department of English, effective July 1, 1969.

Ruth W. Hughey, Professor Emeritus, Department of English, effective July 1, 1969.

William E. Krauss, Professor Emeritus, Department of Dairy Science, effective July 1, 1969.

Nathan Lazar, Professor Emeritus, College of Education, effective July 1, 1969.

Arthur R. Mangus, Professor Emeritus, Department of Agricultural Economics and Rural Sociology, effective July 1, 1969.

William F. McDonald, Professor Emeritus, Department of History, effective July 1, 1969.

John W. Price, Professor Emeritus, College of Biological Sciences - Organismic and Developmental Biology, effective September 1, 1969.

Walter C. Reckless, Professor Emeritus, Department of Sociology, effective September 1, 1969.

Donald B. Robinson, Professor Emeritus, Department of Agricultural Education and Cooperative Extension Service, effective July 1, 1969.

Helen Landman Wikoff, Professor Emeritus, Department of Physiological Chemistry, effective August 1, 1969.

Judson D. Wilson, Clinical Professor Emeritus, Department of Surgery, effective July 1, 1969.

May 8, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles (continued)

Wilbur H. Bruner, Associate Professor Emeritus,
Cooperative Extension Service, effective July 1, 1969.

Hazel Lee Gibbon, Associate Professor Emeritus,
College of Education, effective July 1, 1969.

Eleanor Lewis, Associate Professor Emeritus, School
of Nursing, effective February 1, 1969.

Clifton E. Mack, Associate Professor Emeritus, College
of Administrative Science - Division of Continuing Edu-
cation, effective July 1, 1969.

Leonard P. Ristine, Associate Professor Emeritus,
Department of Psychiatry, effective July 1, 1969.

William V. Walton, Associate Professor Emeritus, College
of Dentistry, effective September 1, 1969.

Margaret Steenrod Fetzer, Assistant Professor Emeritus,
College of The Arts - Division of Art, effective July 1,
1969.

Lawrence C. Holtkamp, Instructor Emeritus (County
Extension Agent), Cooperative Extension Service, effective
June 1, 1969.

Upon motion of Mr. Ketterer, seconded by Mr. Gibbs, the Promotions, Leaves
of Absence Without Salary, Emeritus Titles and the personnel budget actions as
recorded in the official "Salary Roll" of the University were approved by
unanimous roll call vote, and the Secretary was instructed to file these changes
in the "Salary Roll," an official document of the University.

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III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and
The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State
University and The Ohio State University Research Foundation approved by
this Board on April 11, 1968, the President recommended that the following
projects administered through the Research Foundation be approved and
recorded in the minutes of this meeting.

May 8, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a1. Atomic Energy Commission, Argonne, Illinois, High Resolution Infrared Spectra of Tritium-and-Deuterium-Substituted Molecules (to be known as Atomic Energy Commission Project No. 1098-B - Sup. #8-1 - Department of Physics).
Gross Value - \$30,000.00.
- a2. Atomic Energy Commission, Argonne, Illinois, Knudsen and Molecular Diffusion of Gases in Capillaries and Porous Solids Over Large Pressure Ranges (to be known as Atomic Energy Commission Project No. 2381-B - Mod. #1-1 - Department of Chemical Engineering).
Gross Value - \$16,523.00.
- a3. Department of Air Force, Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Microwave Radiometer Measurement Program (to be known as Aeronautical Systems Division Project No. 2440 - Amend. #3 - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- a4. Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineer Scientist (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2443 - Amend. #9 - Research Foundation).
Gross Value - \$85,000.00.
- a5. Air Force Missile Development Center, Holloman Air Force Base, New Mexico, High Velocity Rail Damage Study (to be known as Air Force Missile Development Center Project No. 2456 - Sup. #6 - Department of Engineering Mechanics).
Gross Value - \$20,818.00.
- a6. Atomic Energy Commission, Argonne, Illinois, Pulse Radiolysis of Organic and Aquo-Organic Systems (to be known as Atomic Energy Commission Project No. 2589-A - Mod. #1 - Department of Chemistry).
Gross Value - \$38,292.00.
- a7. Atomic Energy Commission, Argonne, Illinois, Pulse Radiolysis of Organic and Aquo-Organic Systems (to be known as Atomic Energy Commission Project No. 2589-A-1 - Mod. #1 - Department of Chemistry).
Gross Value - \$2,400.00.

May 8, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- a8. Atomic Energy Commission, Argonne, Illinois, Theoretical and Experimental Aspects of Selection as Applied to Biological Groups (to be known as Atomic Energy Commission Project No. 2592-A - Mod. #1 - College of Biological Sciences - Genetics).
Gross Value - \$28,500.00.
- a9. Office of Civil Defense, Office of the Secretary of the Army, Department of the Army, Washington, D. C., Disaster Studies (to be known as Office of Civil Defense Project No. 2612 - Mod. #1 - Department of Sociology).
Gross Value - \$120,000.00.
- a10. Air Force Special Weapons Center, Kirtland Air Force Base, New Mexico, The Microwave Diagnosis of the Plasma Sheath on High Performance Reentry Vehicles (to be known as Air Force Special Weapons Center Project No. 2794 - New - Department of Electrical Engineering).
Gross Value - \$63,794.00.

TOTAL - Government Research Contracts - Federal \$430,327.00

2. Industrial and Other Research Contract

- a1. Consolidation Coal Co., Traux-Traer Division, Conservation Department, Library, Pennsylvania, Demonstration of Control of Acid Drainage from Coal Mine Refuse and Slurry Areas (to be known as Consolidation Coal Co., Project No. 2777 - Amend. #1 - Engineering Experiment Station).
Gross Value - \$1,560.00.

3. Government Research Grants - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies of Larval and Adult Mosquitoes (to be known as National Institutes of Health Project No. 702-L - Sup. #1 - College of Biological Sciences - Entomology).
Gross Value - \$978.00.
- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Deoxyribonucleoside and Related Carcinolytes (to be known as National Institutes of Health Project No. 759-L - Ext. #12 - Department of Chemistry).
Gross Value - \$59,227.00.

May 8, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a3. Air Force Office of Scientific Research, Arlington, Virginia, Simulation Studies of Organizational Behavior Under Stress (to be known as Air Force Office of Scientific Research Project No. 1946-D - Mod. E - Department of Sociology).
Gross Value - \$43,403.00.
- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Ion Transport in Heart Mitochondria (to be known as National Institutes of Health Project No. 2012-D - Ext. #4 - Department of Physiological Chemistry).
Gross Value - \$29,745.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085 - Mod. #1 - Department of Pharmacology).
Gross Value - \$3,296.00.
- a6. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Health Services and Mental Health Administration, Bethesda, Maryland, Treated and Untreated Potential Delinquents - Follow up (to be known as National Institute of Mental Health Project No. 2225-C - Ext. #3 - Department of Sociology).
Gross Value - \$37,090.00.
- a7. National Aeronautics and Space Administration, Washington, D. C., Nonparametric Ranking and Selection Procedures (to be known as National Aeronautics and Space Administration Project No. 2241 - Sup. #2 - Department of Mathematics).
Gross Value - \$6,240.00.
- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Brain RNA and Its Response to Environmental Events (to be known as National Institutes of Health Project No. 2251-B - Sup. #1 - Department of Psychiatry).
Gross Value - \$10,516.00.

May 8, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Nucleic Acid and Protein Synthesis in *Acanthamoeba* (to be known as National Institutes of Health Project No. 2437-B - Ext. #2 - College of Biological Sciences - Microbial and Cellular Biology). Gross Value - \$20,872.00.
- a10. U. S. Army Research Office - Durham, Durham, North Carolina, The Charge Mechanism in Ferroelectrics (to be known as U. S. Army Research Office - Durham Project No. 2569 - Sup. #1 - Department of Mechanical Engineering). Gross Value - \$10,000.00.
- a11. National Aeronautics and Space Administration, Washington, D. C., Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as National Aeronautics and Space Administration Project No. 2792 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$5,000.00.
- a12. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds (to be known as National Institutes of Health Project No. 2793 - New - Department of Chemistry). Gross Value - \$42,585.00.
- a13. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, The Biosynthesis of Phosphorylated Polysaccharides (to be known as National Institutes of Health Project No. 2796 - New - Department of Chemistry). Gross Value - \$12,870.00.
- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, A Model of Para-infectious Demyelinating Encephalitis (to be known as National Institutes of Health Project No. 2797 - New - Department of Veterinary Pathology). Gross Value - \$30,527.00.

May 8, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a15. National Science Foundation, Washington, D. C., Analysis and Approximation Theory (to be known as National Science Foundation Project No. 2798 - New - Department of Mathematics).
Gross Value - \$29,900.00.
- a16. National Science Foundation, Washington, D. C., Infrared Spectroscopy (to be known as National Science Foundation Project No. 2799 - New - Department of Physics).
Gross Value - \$54,000.00.
- a17. National Science Foundation, Washington, D. C., Archaeology in Northwest Alaska (to be known as National Science Foundation Project No. 2800 - New - Institute of Polar Studies).
Gross Value - \$35,100.00.
- a18. National Science Foundation, Washington, D. C., A Software Requirement for Research and Education in the Visual Arts (to be known as National Science Foundation Project No. 2801 - New - College of The Arts- Division of Art).
Gross Value - \$99,200.00.

TOTAL - Government Research Grants - Federal \$530,549.00

The foregoing twenty-nine contracts and grants for research in cooperation with Government, Industry and Other represent a gross income of \$962,436.00.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from March 26, 1969 through April 16, 1969, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 220	Development of Sonic and Ultrasonic Power Devices for
Ext. #11	Application in Highway Engineering, Ohio Department of
	Highways, Columbus, Ohio.
	Gross Value - \$155,000.00.

May 8, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

1. Government Research Contracts (continued)

SC 57	An Indoctrination Course for Engineering Students
Ext. #5	to be Employed by the Ohio Department of Highways
	During University Vacation, Ohio Department of
	Highways, Columbus, Ohio.
	Gross Value - \$3,000.00

TOTAL - Government Research Contracts \$158,000.00

2. Industrial Research Contract

EES 265	A Study to Improve Kiln-Fired Ceramics by Optimization
Ext. #1	of Furnace Gases and Firing Cycles, Columbia Gas
	System Service Corporation, Columbus, Ohio.
	Gross Value - \$18,000.00.

The foregoing three contracts for research in the Engineering Experiment Station represent a gross income of \$176,000.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since April 10, 1969, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$829,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for participating in the NDEA, Title IV Graduate Fellowship Program, for the period September 1, 1969 through August 31, 1970. (Obligation No. 04-077129)
2. \$199,700.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Special Improvement Grant," under the direction of the College of Optometry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T02 ME1165-02 and Grant No. 5 T02 ME1165-02-S1)

May 8, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

3. \$152,100.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for Fellowships and Traineeships in the areas of Mentally Retarded and Visually Handicapped for the period June 1, 1969 through August 31, 1970. (Grant No. OEG-0-9-451183-3191)
4. \$151,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Experienced Teacher Fellowships - Curriculum in Art Education," under the direction of the College of The Arts - Division of Art. This project extends through June 30, 1970. (Grant No. OEG-0-9-450663-2001)
5. \$145,390.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Comparative Pathology," under the direction of the College of Veterinary Medicine, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 GM01052-07)
6. \$140,475.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Fellowship Program in Reading," under the direction of the College of Education. This project extends through October 31, 1970. (Grant No. OEG-0-9-450667-2279)
7. \$92,890.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for the construction of an Allied Health Building. This grant is made under Title I of the Higher Education Facilities Act. (Project No. 4-5-00544-0)
8. \$80,671.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Cardiology - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 HE05546-09)
9. \$41,860.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Microbiology and Infectious Disease Training," under the direction of the Department of Medical Microbiology, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 A100359-02)
10. \$37,978.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Hematology and Cancer Chemotherapy - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 CA05192-04)

May 8, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

11. \$28,543.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Special Project for Research Training in Vocational Education," under the direction of the Center for Vocational and Technical Education, for the period December 1, 1968 through December 31, 1969. (Grant No. OEG-0-9-450886-2486)
12. \$27,058.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medicinal Chemistry - Training Grant," under the direction of the College of Pharmacy, for the period April 1, 1969 through June 30, 1970. (Grant No. 1 T01 GM01949-01)
13. \$22,890.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C. 20202, to the University to develop and evaluate new interdisciplinary training for personnel who will work with mentally retarded children, under the direction of the College of Education, for the 1969-70 academic year. (Grant No. OEG-0-9-451278-3375)
14. \$20,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Planning Grant in Physical Education," to develop and evaluate a training program for personnel who will work with handicapped children in the area of physical education, under the direction of the College of Education, for the period June 1, 1969 through August 31, 1970. (Grant No. OEG-0-9-451713-3393)
15. \$11,423.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Special Project for Research Training in Vocational Education: Professional Pre-Session," under the direction of the Center for Vocational and Technical Education, for the period September 1, 1968 through May 1, 1969. (Grant No. OEG-0-9-450704-2304)
16. \$11,239.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for "In-Service Institute in Physics for Secondary School Teachers," under the direction of the Department of Physics. This grant terminates on July 31, 1970. (GW-4416)
17. \$9,114.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for "In-Service Institute in Earth Science for Secondary School Teachers," under the direction of the Department of Geology. This grant terminates on July 31, 1970. (GW-4417)

May 8, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

18. \$5,400.00 supplement granted by Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Rehabilitation Medicine," under the direction of the Department of Physical Medicine, for the period September 1, 1968 through August 31, 1969. (VRA Grant No. 151-T-69 - Amendment No. 1)
19. \$1,944.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Student Research Stipends," under the direction of the School of Social Work, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 MH07507-09)

TOTAL - Administered Through the Office of Business and Finance
\$2,008,675.00

B. Received Through The Ohio State University Development Fund

1. \$15,000.00 from the Clow Foundation, Chicago, Illinois, for the Harkers Fund.
2. \$10,531.00 from the Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.
3. \$10,000.00 from the National Machinery Foundation, Inc., Tiffin, Ohio, (In the name of Mr. and Mrs. Robert G. Friedman), for the School of Music Fund.
4. \$7,250.00 from the Central Ohio Breeding Association, Columbus, Ohio--\$3,750.00 for the Dairy Science Breeding Research Fund and \$3,500.00 for the Animal Science Special Fund.
5. \$6,219.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for The Grace High Washburn Trust Scholarship Fund.
6. \$5,283.00 from Charles Pfizer & Company, Inc., New York, New York, for the Infectious Disease Research Fund in the College of Medicine.
7. \$5,000.00 from the Estate of Nell W. Storer, Syracuse, New York, for the Alumni Endowment Fund.
8. \$5,000.00 from James W. Overstreet, Columbus, Ohio, (In the name of Mrs. James W. Overstreet), for the Novice G. Fawcett Professorship in Educational Administration.

May 8, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

9. \$4,500.00 from Owens-Illinois, Inc., for the Owens-Illinois Fellowship in Ceramic Engineering.
10. \$4,000.00 from Eli Lilly and Company for Eli Lilly and Company Fund for the Department of Chemistry.
11. \$3,375.00 from United Health Foundation, Inc., for United Health Foundation of Central Stark County.
12. \$3,000.00 from Miss Irene D. Hirsch for Crime and Delinquency Research in the Department of Sociology.
13. \$2,929.08 from Dr. and Mrs. Howard F. Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
14. \$2,600.00 from Smith, Kline & French Laboratories, Philadelphia, Pennsylvania--\$1,800.00 for Gastroenterology Research Fund and \$800.00 for Ambulatory Medicine Research Fund.
15. \$2,543.76 from Chemagro Corporation, Kansas City, Missouri, for research in the College of Veterinary Medicine.
16. \$2,500.00 from Forging Industry Education and Research Foundation, (In the names of David E. Tilton, Earl M. Tilton, Mrs. Ann T. King and Mrs. Martha T. Reissig)--\$1,250.00 for the Earl M. Tilton Professorship in Mechanical Metallurgy and \$1,250.00 for the FIE&R Foundation Fund.
17. \$2,500.00 from The City National Bank & Trust Company, (In the name of Everett D. Reese)--\$2,000.00 for the Everett D. Reese Scholarship and Loan Fund and \$500.00 for the Academic Faculty of Marketing in the College of Administrative Science.
18. \$2,370.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
19. \$2,363.62 from Lawrence D. Stanley as an unrestricted gift to the University.
20. \$2,000.00 from Harold M. McClure, Jr., for the Presidents Club Special Fund.
21. \$1,800.00 from the Griffith Foundation for Insurance Education for the Charles W. Griffith Memorial Fund.
22. \$1,500.00 from Dr. Charles E. Andre, Las Vegas, Nevada, for the College of Medicine Class of 1959 Fund.

May 8, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

23. \$1, 500. 00 from Arline and Thomas Patton Foundation, (In the name of Thomas F. Patton), for the John W. Bricker Professorship in the College of Law.
24. \$1, 000. 00 from William B. Hoyer--\$600 for the Griffith Foundation Scholarship Fund and \$400. 00 for the Student Athlete Grant-in-Aid Fund.
25. \$1, 000. 00 from Resler Foundation, (In the name of Jack S. Resler), for the John B. Fullen Scholarship Fund.
26. \$1, 000. 00 from James E. Townsend for the Presidents Club Special Fund.
27. \$1, 000. 00 from Mrs. James E. Townsend (Patricia Gibson Townsend) for the Presidents Club Special Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$107, 764. 46

C. Gift-in-Kind

1. A Remmey Kiln from AC Spark Plug Division, General Motors Corporation for the Department of Ceramic Engineering.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the acceptance of the foregoing grants and gifts were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Report from The Ohio State University Development Fund

In March, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	411	\$ 37, 358. 14
Individuals other than alumni	87	21, 712. 71
Nonprofit organizations	57	109, 188. 45
Business concerns	<u>27</u>	<u>47, 018. 70</u>
	582	\$215, 278. 00

Of these gifts, 122 totaling \$985. 00 were undesignated and 460 totaling \$214, 293. 00 were designated.

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May 8, 1969 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials and estimate of cost for the following project be approved by the Board of Trustees:

A. Ohio Stadium Repairs

This project provides repairs and maintenance work to the concrete structure of "C" Deck with additional provisions for better drainage to reduce the rate of deterioration of the concrete.

Funds for this project have been provided by a transfer from Budget Account 999000 Athletic Revenue Fund to Budget Account 801205 Ohio Stadium Repairs.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACT

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contract was recommended for award. The action reported to the Board was as follows:

A. Dentistry Building - Compressed Air Piping

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u>		
(5 bids received 4-22-69)		
National Corporation (Columbus, Ohio)	\$17, 200. 00	\$27, 145. 00

Funds for this project have been provided from Budget Account 129210 (Dentistry Improvements).

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above award of contract and expenditure of funds were approved and the the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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May 8, 1969 meeting, Board of Trustees

VII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- No. 11 Approves the transfer and release of \$3,804.53 from Item 315-016 Medical Complex to Item 315-054 Dodd Hall Addition to complete the funding of the dewatering well for this project.
- No. 12 Approves 10-day advertising for the project "Telephone Exchange - Expansion of Service."

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Marion Campus - Unico Heights Land Company Easement

The Unico Heights Land Company has requested an easement for a sanitary sewer line across State of Ohio lands that have been designated for the use of The Ohio State University, Marion Branch. The sanitary sewer will provide sewage facilities for a subdivision to be built adjacent to the Marion Campus.

The Ohio State University, by cooperating with the Unico Heights Land Company, will facilitate the orderly development of a residential community adjacent to the Marion Campus. Further, the developer is planning a connecting street from County Road 169 to State Route 95 (the only entrance to the campus).

President Fawcett recommended that the sanitary sewer easement be granted to Unico Heights Land Company. It was further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the sanitary sewer easement.

Upon motion of Mr. Hilliker, seconded by Mr. Ketterer, the above recommendations were approved by unanimous roll call vote.

B. Ohio Stadium Repairs - Employment of Engineers

President Fawcett recommended that the engineering firm of Korda and Associates, Ltd., be employed to provide engineering services to cover design, writing of specifications and inspection on the following repair work at the Ohio Stadium:

1. Remove existing expansion joint material from majority of C Deck and replace with neoprene compression seals. Also replace seals at other specified locations.

May 8, 1969 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Ohio Stadium Repairs - Employment of Engineers (continued)

2. Remove slab at top of C Deck and replace with new slab. Add new steel beam in conjunction with this work.
3. Provide roof drains and downspouts for new slab of Item 2 and also drainage pipe at other locations.
4. Patching of spalled or cracked concrete on C Deck only.
5. Cleaning and painting of structural steel on C Deck only.

The fee for this service will be calculated on the basis of 10 per cent of the construction cost. Funds for the project have been provided by a transfer from Budget Account 999000 Athletic Revenue Fund to Budget Account 801205 Ohio Stadium Repairs.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

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IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Fleetwood Raymond Koutz, Professor of Veterinary Parasitology. In accordance with the instructions of the Board of Trustees, a copy of the following Resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Fleetwood Raymond Koutz

The Board of Trustees expresses its sorrow at the death on April 6, 1969, of Dr. Fleetwood Raymond Koutz, Professor of Veterinary Parasitology.

Dr. Koutz was born in Baltimore, Maryland, on April 3, 1905. He received his B.S. and D.V.M. degrees from the State College of Washington in 1936, graduating with highest honors, and his M.Sc. degree in Veterinary Parasitology at The Ohio State University in 1940. He served for a year as an Assistant Professor at the University of Maryland and was also a member of the University of Maryland's Livestock Sanitary Association during that time. He served with the United States Bureau of Animal Industry and in 1939 became an Assistant Professor at The Ohio State University. During World War II, he was called into active service as a Captain in the United States Army Veterinary Corps on February 13, 1943. As a Major, he served in

May 8, 1969 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Fleetwood Raymond Koutz (continued)

the China-Burma Theater as a liaison officer to the Chinese Army. He was discharged in November 1945 and returned to The Ohio State University, where he was Professor in and Chairman of the Department of Veterinary Parasitology with thirty years of service.

Dr. Koutz was a member of Alpha Psi, professional veterinary fraternity; Society of Phi Zeta, national honorary veterinary fraternity; Phi Kappa Phi, honorary scholarship society; Phi Sigma, honorary zoology society; and Sigma Xi, national research honor society. He was a member of the American, the Ohio State, and Fifth District Veterinary Medical Association; the United States Livestock Sanitary Association; the World Association for the Advancement of Veterinary Medicine; and the Conference of Research Workers in Animal Diseases. He was a Past President of the American Association of Veterinary Parasitologists.

Professor Koutz was Scout Master of Troop 252, American Boy Scouts at Trinity Methodist Church; President of the Grandview Heights Board of Health; and an usher at First Community Church. He was a member of the American Legion Post No. 310 at The Ohio State University. He published more than 100 technical articles in scientific journals and prepared, in addition, three laboratory manuals and a booklet on parasitology. His dedication as a teacher was carried over into his contact with, and guidance to youthful members of the Boy Scouts of America, an activity that was extremely important to his interests.

On behalf of the University at large, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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X. REPORT

A. Report on the University's Investment Portfolio

The report dated May 7, 1969, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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May 8, 1969 meeting, Board of Trustees

XI. RETIREMENT OF JOHN W. BRICKER

A motion was made by Mr. Jones and seconded by Mr. Shocknessy expressing the gratitude of the Board of Trustees for Mr. Bricker's twenty-one years of distinguished service including this past year as Chairman of the Board.

President Fawcett stated that before a vote was taken on this motion he wished to say something even though he was not a member of the Board. He said,

It happens that thirteen years ago next month I was summoned to sit down with seven men to talk about the presidency of The Ohio State University. These seven men in my view were frightening characters. If I were to reflect over the names you would understand why. There is only one of those people here today--Senator Bricker. I knew Senator Bricker, but I did not know him the way I have gotten to know him in the past thirteen years. Some reflections of mine, while in a state of semi-darkness, caused me to recall an experience of a long time ago in 1938. I walked into the office of the Superintendent of Schools where I had just been employed in Defiance, Ohio, and on the counter was a big carton of books--a whole set of encyclopedias. I made inquiry about where they came from and somebody said 'Well, you know Governor Bricker gave the commencement address and would accept no honorarium but instructed us to take the money we would have used for that to buy books for our library.' While I did not know Senator Bricker at that time other than having read his name in the newspaper many times, I thought there couldn't be anything wrong with a man that would do something like that. These past 13 years have given me an insight into Mr. Bricker as the man, the American, the alumnus and the son of this institution. I must say that even though he may have taken a position on an issue here and there that everybody did not agree with, nobody ever guessed about where Mr. Bricker stood and this is a part of our American system. His dedication to this University has never been questioned. His sincerity in trying to achieve solutions to problems in the best interest of the University has been above reproach. His loyalty to this institution, I think, should well stand as a symbol to others who follow. His unselfish contribution in the line of service even at his own expense as all of you know, I think sets a mark to be followed by those who follow as we approach a new 100 years for this institution. There is never any way for a staff who worked for a governing board to express appropriately its thanks and appreciation for services of this kind, and I suppose there is really never any honest way for the governing board itself to say thank you to a man who has given such service. So without any consultation with anybody, I took it upon myself to have a little citation made and with your permission I am going to have him stand up here if he will and present the following plaque to him. Senator Bricker, it is with great pride and joy that I am able to provide a little recognition to you. I will read the citation that has been prepared:

May 8, 1969 meeting, Board of Trustees

XI. RETIREMENT OF JOHN W. BRICKER (continued)

In recognition of twenty-one years of
dedicated and distinguished service
to the University
as a member of the Board of Trustees
The Ohio State University
conveys its appreciation and good wishes to
John W. Bricker
a loyal alumnus of the University



Presented at Columbus, Ohio
on the eighth day of May
in the year of our Lord, 1969
and the 100th year of the University

Noice H. Lawrence
President of the University

James J. [unclear]
Secretary of the Board of Trustees

May 8, 1969 meeting, Board of Trustees

XI. RETIREMENT OF JOHN W. BRICKER (continued)

In response, Mr. Bricker reminisced on his association with President Fawcett and expressed his appreciation to his colleagues as well as the University administrators with whom he had worked during his twenty-one years of service.

Mr. Shocknessy added that "We don't have to vote on the motion--it is un-animously adopted."

Mr. Shocknessy then asked that recognition for Mr. Bricker's more than fifty years of association with the University also be noted and requested that the 1919 May Queen (Mrs. Bricker) be included in the resolution.

*

*

*

Thereupon the Board adjourned to meet Thursday, June 12, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John W. Bricker
Chairman

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APPENDIX VII

Attorney General's Opinion Pertaining to New Section to the Rules
for the University Faculty--55.00. Open Housing--(Rules 55.01,
55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09)

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Attorney General's Opinion Pertaining to New Section to the Rules
for the University Faculty--55.00. Open Housing--(Rules 55.01,
55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09)

OFFICE OF THE ATTORNEY GENERAL

PAUL W. BROWN
ATTORNEY GENERAL

CHARLES S. LOPEMAN
FIRST ASSISTANT ATTORNEY GENERAL

SHELBY V. HUTCHINS
CHIEF COUNSEL

STATE OF OHIO
COLUMBUS 43215



MAY 2 1969

OPINION NO. 65-022

The Board of Trustees
The Ohio State University
190 North Oval Drive
Columbus, Ohio 43210

Gentlemen:

I have before me your request for my opinion, forwarded through Mr. Edward Q. Moulton, Secretary of the Board, regarding the proposed Rules for the University Faculty -- 55.00. Open Housing. You have enclosed with your request a copy of these proposed rules. For reference purposes and since my opinion is requested with respect to such rules, I am attaching a copy of the proposed rules to this Opinion as an Appendix.

Your request for my opinion contains three questions:

(1) "whether the Board has the requisite authority to adopt the enclosed rules," (2) "whether said rules are within the legal parameters of existing State and Federal Laws and" (3) "whether the University Board of Trustees has the authority under the Constitution and Laws of the State to supplement the authority given in the Ohio Civil Rights Act."

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

The Ohio State University, originally named the Ohio Agricultural and Mechanical College, was created by the Legislature through an act passed on March 22, 1870. 67 Ohio Laws, 20. The pertinent provisions of this act relating to the powers of the Board of Trustees are as follows:

* * * * *

"Sec. 2. The government of said college shall be vested in a board of trustees, * * *

* * * * *

"Sec. 5. The board of trustees shall have power to adopt by-laws, rules and regulations for the government of said college; * * *

* * * * *

The powers originally granted to the Board of Trustees have remained undiminished since the inception of the University. Sections 3335.02 and 3335.08, Revised Code, provide, respectively, that "[t]he government of the Ohio state university shall be vested in a board of nine trustees, * * *" and that "[t]he board of trustees of the Ohio state university may adopt bylaws, rules, and regulations for the government of the university."

In Pyeatte v. Board of Regents of University of Oklahoma, et al., 102 F. Supp. 407 (1951), affirmed per curiam 342 U.S. 396, in sustaining a resolution of the Board of Regents of the University of Oklahoma requiring that all undergraduate students of that University, with certain exceptions, be required to live in university-

operated housing, the Court had occasion to consider an Oklahoma statute much like Section 3335.08, supra. At 102 F. Supp. 413, the Court stated:

"* * * The term 'government' is very broad and necessarily includes the power to pass all rules and regulations which the Board of Regents considers to be for the benefit of the health, welfare, morals and education of the students, so long as such rules are not expressly or impliedly prohibited. Rheam v. Board of Regents of University of Oklahoma, 161 Okl. 268, 18 P. 2d 535.

* * * * * * * * *

The powers of the Board of Trustees of The Ohio State University are no less broad than the powers of the board involved in the Pyeatte case, supra. As the Court stated in that case, at 102 F. Supp. 415:

"The state has a decided interest in the education, wellbeing, morals, health, safety and convenience of its youth."

In another case, which has bearing on the issues considered in this Opinion, it was recognized that the governing body of a state university "can validly impose a wide variety of regulations." Sigma Chi Fraternity v. Regents of the University of Colorado, 258 F. Supp. 515 (1966), at 526. In that case, a social fraternity was placed on probation, with loss of rushing and pledging privileges, because the national fraternity with which it was affiliated had suspended a Chapter on a different campus for

pledging a Negro student. The Court in the Sigma Chi case, supra, upheld the action of the Regents of the University of Colorado in placing the local Chapter of the fraternity on probation.

The Court stressed the point that the interest of the Regents that was being advanced was not invalid and stated, at page 527:

"Indeed, the Supreme Court of the United States has in recent years recognized the importance of elimination of racial discrimination in educational institutions."

Based upon the lines of authority represented by Pyeatte, supra, and Sigma Chi, supra, it seems clear that the governing body of a state university has a valid and continuing interest in the issues of housing facilities for students and non-discrimination with respect to students. It follows that the Board of Trustees of The Ohio State University, under its specific rule-making authority (Section 3335.08, Revised Code), has the power and authority to adopt and promulgate rules advancing its interest in these issues, with accompanying sanctions to be imposed against students who do not abide by such rules. See also, in this respect only, State, ex rel. Weaver v. Board of Trustees of Ohio State University, 126 Ohio St. 290 (1933).

Having arrived at the conclusion that it is within the authority of the Board to enact rules to advance the Board's substantial interest in housing facilities and non-discrimination and in order to answer your question, i.e., "authority to adopt the enclosed" Rules (See Appendix), it is necessary to determine

the tests to be applied. The Weaver case, supra, referred to rules which are "reasonable" and "not arbitrary." The Court in the Sigma Chi case, supra, refers to action which is not "an excessive use of power." Perhaps the most explicit statement of the test was made by the Court in the Pyeatte case, supra, at page 415:

"If there is any state of facts which tends to support the regulatory measures and such measures are not clearly unreasonable or arbitrary, then the * * * regulation will be upheld as being constitutional."

The answer to your question, based upon the foregoing, lies in the application of the above tests to the proposed rules. If the Board of Trustees determines that the proposed rules will advance the interests of the Board in housing facilities and non-discrimination with respect to students at the University and, in view of the degree of gravity and extent of the problem based upon their factual knowledge or factual knowledge available to them, determines that the proposed rules are reasonable and not arbitrary in dealing with the problem, then the Board has the requisite authority to adopt the proposed rules (as set out in the Appendix).

Although you have not asked my opinion regarding the application of the proposed rules, I feel compelled to add a caveat in respect to the application at this point. The proposed rules, with respect to its application to students provides only that (See 55.02. f., Appendix):

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"Any charge that a student has violated this rule shall be subject to a hearing, in conformity with due process, by the appropriate tribunal charged with the adjudication of violations of University rules."

The most recent and governing court decisions on the rights of students whose right to remain in school is questioned have recognized the applicability of constitutional due process. The leading case in this area is St. John Dixon, et al. v. Alabama State Board of Education, et al., 294 F. 2d, 150 (1961). Since it is now recognized that students are entitled to the constitutional guarantee of due process, and since the above quoted portion of the proposed rules do not specify the steps necessary to protect that substantial guarantee, the Board of Trustees should consider the procedures to be followed to insure that this fundamental right of students guaranteed by both the United States and Ohio Constitutions is adequately protected.

The rules appear to me to be extremely broad. Certainly the proposed rules are so much broader than the problem they seek to cure that I foresee difficulties in administration. These difficulties may lead to disappointment of the proponents of the rules when they later evaluate its results as opposed to their expectations.

The answer to your second question regarding whether or not the proposed rules are within the parameters of existing State and Federal laws presents a paradox in the present state of the law. Section 55.02 (a)(1) of the proposed rule (see Appendix) reads as follows:

"No student shall become a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list, as defined in subsection d. This section shall not apply to students living with their parents."

Section 4112.01, Revised Code, which is part of the Ohio Civil Rights Act, provides in pertinent part as follows:

"* * *

* * *

* * *

"(J) 'Housing accommodations' includes any building or structure or portion thereof which is used or occupied or is intended, arranged, or designed to be used or occupied as the home residence or sleeping place of one or more individuals, groups, or families whether or not living independently of each other; and any vacant land offered for sale or leased for commercial housing.

"(K) 'Commercial housing' means housing accommodations held or offered for sale or rent by a real estate broker, salesman, or agent, or by any other person pursuant to authorization of the owner, by the owner himself, or by legal representatives, but does not include any personal residence offered for sale or rent by the owner or by his broker, salesman, agent, or employee.

"(L) 'Personal residence' means a building or structure containing living quarters occupied or intended to be occupied by no more than two individuals, two groups, or two families living independently of each other and occupied by the owner thereof as a bona fide residence for himself and any members of his family forming his household. If a personal residence is vacated by the owner it shall continue to be considered owner-occupied until occupied by someone other than the owner or until sold by the owner, whichever occurs first.

"* * *

* * *

* * *

Title 42, United States Code, Section 3603, which is part of the Federal Civil Rights Act of 1968, provides in pertinent

part as follows:

" * * *

* * *

* * *

"(b) Nothing in section 3604 of this title
(other than subsection (c) shall apply to -

"(1) any single-family house sold or rented
by an owner: Provided, That such private in-
dividual owner does not own more than three such
single-family houses at any one time: Provided
further, That in the case of the sale of any such
single-family house by a private individual owner
not residing in such house at the time of such
sale or who was not the most recent resident of
such house prior to such sale, the exemption
granted by this subsection shall apply only with
respect to one such sale within any twenty-four
month period: Provided further, That such bona
fide private individual owner does not own any
interest in, or is there owned or reserved on his
behalf, under any express or voluntary agreement,
title to or any right to all or a portion of the
proceeds from the sale or rental of, more than
three such single-family houses at any one time:
Provided further, That after December 31, 1969,
the sale or rental of any such single-family
house shall be excepted from the application of
this sub-chapter only if such house is sold or
rented (A) without the use in any manner of the
sales or rental facilities or the sales or
rental services of any real estate broker, agent,
or salesman, or of such facilities or services
of any person in the business of selling or rent-
ing dwellings, or of any employee or agent of
any such broker, agent, salesman, or person and
(B) without the publication, posting or mailing,
after notice, of any advertisement or written
notice in violation of section 3604 (c) of this
title; but nothing in this proviso shall prohibit
the use of attorneys, escrow agents, abstractors,
title companies, and other such professional as-
sistance as necessary to perfect or transfer the
title, or

"(2) rooms or units in dwellings containing
living quarters occupied or intended to be occu-
pied by no more than four families living inde-
pendently of each other, if the owner actually
maintains and occupies one of such living quarters
as his residence.

"(c) For the purposes of subsection (b) of this section, a person shall be deemed to be in the business of selling or renting dwellings if -

"(1) he has, within the preceding twelve months, participated as principal in three or more transactions involving the sale or rental of any dwelling or any interest therein, or

"(2) he has, within the preceding twelve months, participated as agent, other than in the sale of his own personal residence in providing sales or rental facilities or sales or rental services in two or more transactions involving the sale or rental of any dwelling or any interest therein, or

"(3) he is the owner of any dwelling designed or intended for occupancy by, or occupied by, five or more families."

It should be noted that the word "family," as used in the foregoing Federal statute, is defined by Section 3602(c) thereof to include a single individual.

As is evident, both the Federal and State statutes relating to fair housing exempt certain partially owner-occupied premises from their respective operations under stated conditions. The proposed rule, in effect, does not, and in that sense is outside the parameters of the statutes in question.

In 1968, however, the Supreme Court of the United States decided the case of Jones v. Mayer Co., 392 U.S. 409; 20 L. Ed. 2d, 1189. The case arose as a result of the refusal of the Mayer Co. to sell a home to petitioner Jones for the sole reason that petitioner Jones was a Negro. The Court, in deciding in favor of petitioner Jones, grounded its decision on an 1866 statute, 42 U.S.C., Sec. 1982, which reads as follows:

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"All citizens of the United States shall have the same right, in every State and Territory, as is enjoyed by white citizens thereof to inherit, purchase, lease, sell, hold, and convey real and personal property."

(Emphasis supplied)

The Court went to great lengths to point out that Section 1982, supra, was not a comprehensive "open housing" law and distinguished its operation from the recently enacted Civil Rights Act of 1968, supra, on the grounds that Section 1982, supra, dealt only with racial discrimination and not with discrimination on the grounds of religion or national origin. In addition, the Court pointed out that it did not deal "specifically" with discrimination in connection with the sale or rental of a dwelling. The Court did hold, however, at 20 L. Ed. 2d, 1192, as follows:

"We hold that §1982 bars all racial discrimination, private as well as public, in the sale or rental of property, and that the statute, thus construed, is a valid exercise of the power of Congress to enforce the Thirteenth Amendment."

(Emphasis by the Court)

Thus the paradox in answer to your second question. The proposed rule is beyond the parameters of Federal and State laws insofar as it treats discrimination on the basis of religion or national origin regarding certain owner-occupied dwellings, but within the parameters of Federal (and necessarily State) law insofar as it treats discrimination on the basis of race.

In addition to the paradox raised by your second question, I have serious concern over the application of the proposed rule

to homeowners in the University area who are subject to its application. These citizens, like the students, are entitled to the full measure of protection of the constitutional guarantees of due process. The proposed rule contemplates charges brought by University officials or students to be investigated by the Special Assistant for Student Affairs, using student investigators, with charges, if any, being brought before a Panel consisting of six faculty members and five students. (See 55.03. and 55.04. Appendix).

It may be that such a procedure and such a Panel will not result in the protection of the fundamental rights of a homeowner against whom a complaint is lodged. No court has directly ruled on the issue with respect to a rule such as that proposed, however. I am constrained to point out that the State of Ohio, through its legislative branch, has established a Civil Rights Commission (Section 4112.03, Revised Code), with more than ample power and authority to carry out the investigative and hearing functions contemplated by the rule. There is little question as to protection of constitutionally guaranteed rights of individuals in the operation of the Commission. It is objective and not directly related to the University in its operation. The Commission and its operation have already been recognized as constitutional, at least sub silentio, by the courts of this State. See Gegner v. Graham, 1 Ohio App. 2d, 422 (1964). Finally, the orders of the Commission are, by law, subject to judicial review. Section 4112.06, Revised Code.

The lengths to which the State has gone to foster non-discrimination, while protecting the rights of all citizens, and the machinery established for accomplishing those aims should be considered by the Board before adopting the proposed rules, at least with respect to the methods established by such rules for investigating and hearing complaints. As previously stated, the rights of the individual homeowners subject to the proposed rule are no less important than those of the students at the University.

Your third question refers to the authority of the Board of Trustees to "supplement the authority given in the Ohio Civil Rights Act." The only "authority given" in the Ohio Civil Rights Act (Sections 4112.01 to 4112.99, Revised Code,) is given to the Ohio Civil Rights Commission (Sections 4112.04, et seq., Revised Code,) with respect to enforcing the Act, and to common pleas courts. (Section 4112.06, Revised Code,) with respect to judicial review of orders of the Commission. Since no authority is given to the Board of Trustees of The Ohio State University, as such, under the Ohio Civil Rights Act, it follows that the Board has no authority to "supplement the authority given." In addition, any such supplementation would be a matter for the General Assembly, in whom the legislative power of the State of Ohio is vested. Article II, Section 1, Constitution of Ohio.

Attorney General's Opinion Pertaining to New Section to the Rules for the University Faculty--55.00. Open Housing--(Rules 55.01, 55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

Accordingly, it is my opinion and you are hereby advised:

1. The Board of Trustees of The Ohio State University has the requisite authority to adopt the proposed Rules for the University Faculty -- 55.00. Open Housing, a copy of which is attached to this Opinion as an Appendix, upon a determination by the Board that such rules reasonably and not arbitrarily advance the Board's valid interests in housing facilities and non-discrimination with respect to the students at the University.

2. The proposed rules are outside the legal parameters of State and Federal laws with respect to certain owner-occupied dwellings insofar as the proposed rules treat discrimination based on religion or national origin, but within such parameters insofar as they treat discrimination based on race.

3. The Board of Trustees of The Ohio State University, as such, does not have authority to supplement authority given in the Ohio Civil Rights Act.

Respectfully,

A handwritten signature in dark ink, appearing to read "Paul W. Brown", with a stylized, cursive script.

PAUL W. BROWN
Attorney General

APPENDIX

55.00. Open Housing

55.01. The Open Housing Policy.

It is the policy of The Ohio State University that rental housing be available to all of the University's students on equal terms without regard to race, religion, color, or national origin.

55.02. The Open Housing Rule.

- a. (1) No student shall become a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list, as defined in subsection d. This section shall not apply to students living with their parents.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, with knowledge that the premises are on the discriminatory housing list, he shall be liable to recorded probation or suspension.
- b. (1) If a student becomes a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list without knowledge of that fact he shall not continue his residence therein for more than thirty days after he received notice to vacate from the Office of the Vice President for Student Affairs unless he is bound by a lease for a longer time, in which case he shall not continue his residence therein beyond the term required by such lease. The prohibition of this subsection does not apply to a student who resides in the premises at the time of the finding of discrimination, and who remains in the same unit.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, he shall be liable to recorded probation or suspension.
- c. (1) No student shall enter into any arrangement to become a resident of any premises (whether registered or unregistered with the University) which is on the discriminatory housing list.
- (2) Upon a finding by the appropriate tribunal that a student has violated this subsection, with knowledge that the premises are on the discriminatory housing list, he shall be liable to recorded probation or suspension.

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55.02. The Open Housing Rule. (continued)

- d. The discriminatory housing list shall consist of those premises which the Open Housing Panel has ordered to be placed on such list for the periods prescribed pursuant to Rule 55.06.
- e. A student is a person who is registered for course credit toward a University degree or who is seeking housing in preparation for registration and candidacy.
- f. Any charge that a student has violated this rule shall be subject to a hearing, in conformity with due process, by the appropriate tribunal charged with the adjudication of violations of University rules.

55.03. The Open Housing Panel.

The Open Housing Panel shall consist of:

Six faculty members selected by vote of the Faculty Council, at least one of whom shall be a member of the Faculty Council;

Three undergraduate student members selected by vote of the Student Assembly;

One graduate student member selected by vote of the Council of Graduate Students;

One professional student member selected by vote of the Professional College Council.

Faculty members of the Open Housing Panel shall be designated for a term of two years. The initial Panel shall decide by lot which three faculty members shall serve for a one-year term so that three positions will become vacant each year. Student members of the Panel shall serve for a term of one year. Faculty and student members may serve successive terms.

Vacancies shall be filled in the same manner that the position which has become vacant was filled; those appointed to fill vacancies shall serve out the term of the member they are replacing.

The Open Housing Panel shall elect its own chairman and such other officers as the members deem appropriate. The Panel shall keep a record of each case consisting of a brief description of the facts, the decision (including any concurring or dissenting opinion), and the vote of each member. These case records shall be filed with the Vice President for Student Affairs, who shall maintain them, and make them available to the Panel, parties, and the public at reasonable times in accordance with a published schedule.

The Open Housing Panel shall adopt its own rules of procedure not inconsistent with these provisions.

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55.02, 55.03, 55.04, 55.05, 55.06, 55.07, 55.08 and 55.09) (continued)

55.04. Complaints.

- a. Any student, the Vice President for Student Affairs, or the Director of Housing may lodge a complaint that an owner, landlord or the authorized agent of either has discriminated in the rental of housing to students on the grounds of race, religion, color or national origin with the Office of the Special Assistant for Student Affairs within six months of the alleged act of discrimination.
- b. The complaint shall contain a statement of the acts alleged to constitute the discrimination.
- c. The Special Assistant shall use student investigators for the purpose of determining whether owners, landlords, or their authorized agents discriminate on the grounds of race, religion, color, or national origin in the rental of housing.

55.05. The Hearing.

- a. Upon receipt of a complaint, the Special Assistant shall:
 - (1) Request the Open Housing Panel to convene a public hearing to determine whether the named owner, landlord, or an agent of either, discriminated against the University's students in the rental of housing on the basis of race, religion, color, or national origin.
 - (2) Serve by registered mail upon the landlord, owner, or authorized agent in charge of the premises a copy of the complaint and of this rule.
- b. The Special Assistant or the complainant may present evidence material to a determination of the charges and cross-examine witnesses, with or without the aid of counsel, at a hearing convened for the purpose by the Panel.
- c. The Open Housing Panel shall, on the written request of the Special Assistant, conduct a public hearing no earlier than ten days after the making of the complaint and its notice of hearing to the Special Assistant, the complainant, and the party charged with discrimination, who shall be advised of his right to appear, to be represented by counsel, to present witnesses, and to cross-examine witnesses who testify.

55.06. Findings.

After considering only the evidence admitted at the hearing, the Open Housing Panel shall determine whether the owner, landlord, or the authorized agent of either of them has refused to rent on equal terms without regard to race, religion, color, or national origin to all of the University's students. A refusal to rent shall include those situations where the owner, landlord, or authorized agent

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55.06. Findings. (continued)

refuses to rent premises to a student who is gathering evidence to determine whether the owner, landlord, or authorized agent discriminates within the meaning of this rule.

If the Open Housing Panel finds by a preponderance of the evidence that there has been such a discriminatory refusal to rent, it shall enter a determination that the premises be placed on the discriminatory housing list.

Any premises placed on the discriminatory housing list shall remain on the list for the period prescribed by the Open Housing Panel, but it shall not be less than one year nor more than three years. However, in extreme circumstances, the Panel may prescribe a period of less than one year provided that its reasons are included in the record provided for in Rule 55.03. No premises shall be removed from the discriminatory housing list until: (a) the period prescribed by the Open Housing Panel has ended, (b) a written pledge of compliance with this rule has been received from the landlord or owner of the premises, and (c) with reference to premises which are rented through an agent, (i) the owner or landlord has given the agent written instructions to comply with this rule, (ii) has submitted a copy of said instructions to the Open Housing Panel, (iii) has received the Open Housing Panel's approval of such instructions, and (iv) has pledged in writing to give such approved written instructions to all future agents.

If the Panel finds that the landlord or owner has breached a pledge previously given under this section the premises shall be placed on the discriminatory housing list for a period of not less than three years.

55.07. The Discriminatory Housing List.*

The Vice President for Student Affairs, upon receipt of a decision of discrimination by the Open Housing Panel shall, after the ten-day period for taking an appeal or after determination upon appeal, place the premises wherein the discrimination took place on the discriminatory housing list. He shall also notify the owner or landlord of the premises that none of the University's students will be permitted to become residents of or make any arrangement to become a resident of the building for the period of time determined by the Open Housing Panel.

Any owner or landlord, or authorized agent who knowingly rents or enters into any arrangement to rent housing to a student in premises which he has been notified are on the discriminatory housing list shall, after a hearing establishing this fact, have the term of listing extended for three additional years. A complaint of violation of this section shall be processed in accordance with Rules 55.04 and 55.05.

*Rule amended, see page 543.

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55.08. Notice.

The discriminatory housing list, divided by geographical area, shall be published periodically in the Lantern, and shall be included in the registration materials of every student together with a copy of this rule.

A copy of this rule shall be conspicuously published in a newspaper of general circulation at least five times during the month preceding the commencement of each quarter. A copy of this rule shall also be sent or delivered to each landlord who is known to the University to have student tenants in Franklin County.

The Lantern shall not accept or print any advertisement for rental of any building on the discriminatory housing list.

55.09. Appeals.*

Appeals from decisions of the Open Housing Panel shall be taken in writing within ten days to a three-member Housing Appeals Panel hereby created, consisting of one student member, one faculty member and one administrative member, each of whom shall be appointed annually by the President in keeping with the duly constituted authority for student affairs as delegated by the Board to the President.

The Housing Appeals Panel shall elect its own chairman, establish rules of procedure for such appellate hearing and make determination in such appeals.

*Rule added, see page 543.

APPENDIX VIII

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 7, 1969

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The Recipients of Honors

SPIRO T. AGNEW

Doctor of Laws

Talented lawyer, enlightened public servant, administrator and statesman to whose high office his efficiency and integrity are of universal importance

The attributes and accomplishments of Spiro T. Agnew, the thirty-ninth Vice President of the United States, combine to make him an eminent symbol of the American saga.

The son of a Greek immigrant father, he was born in Baltimore, Maryland, and is a product of that city's public schools. He attended The Johns Hopkins University and the University of Baltimore, where he received his Bachelor of Laws degree and taught night classes in law for seven years prior to becoming Governor of the State. He holds honorary Doctor of Laws degrees from Morgan State College and the University of Maryland. A World War II Army Company Commander, he served again during the Korean War.

Upon returning to law practice, he became active in civic affairs and, as Chairman of the Baltimore County Board of Appeals and a Director of The National Association of Counties, built an enviable record in reorganizing the Police Bureau, instigating school improvements, and in strengthening the ties between state and local governments. He gained the commendation of both labor and management by his skill in helping to settle or prevent several crippling strikes.

His service as Governor of Maryland was marked by an emphasis on professionalism and the development of new programs to resolve urban and metropolitan problems. His enlightened policies brought about such fiscal reform as a graduated tax rate, and the introduction of tax credits for the elderly, state aid for local law enforcement agencies, kindergartens, and a special grant to inner-city schools.

Governor Agnew's administration was predicated upon thorough study and intelligent analysis aimed at efficiency, economy, and comprehensive concern in State government. New measures in law enforcement and prison reform were developed, the State's first community mental health and child day-care centers were financed, a state-wide highway safety program was instituted, Maryland's public accommodation statutes were extended, and programs were enacted to help control and prevent air and water pollution. Singular accomplishments were the sponsorship of the first state-wide Fair Housing Bill enacted south of the Mason-Dixon Line, and promulgation of a Governor's Code of Fair Employment Practices outlawing discrimination in State service and in any firm doing business with the State.

Wide recognition of his executive ability is, in part, reflected by his top position and expert performance in such groups as the National Governors' Conference, and in his appointment by President Johnson to the Advisory Commission on Intergovernmental Relations.

This University is proud to honor a distinguished American whose exemplary record is testimony of personal commitment to honorable, intelligent, able public service.

BOB HOPE

Doctor of Humane Letters

A distinguished American who has done much to lift the human spirit by his witty illumination of life and his generous involvement with mankind

The philosophy and unselfish direction of Bob Hope's energies and talents make him one of America's most widely influential symbols of humanitarianism. Born Leslie Townes Hope, in Eltham, England, he came to the United States at four years of age and became a citizen of this country by virtue of his father's naturalization. Mr. Hope's long and prominent professional career includes multitudes of stage, movie and television performances, recording successes, and the authorship of articles and books. While notable for range and durability, his achievement is uniquely valuable in making him a one-man bridge between the generations and an expression of perceptive involvement with his fellow men.

He reveals himself to be a contemporary philosopher whose rapier wit strikes telling blows at the entire range of folly which distinguishes our species. He good-humoredly pinpoints stupidity, pomposity, hypocrisy, and other widely-assorted ills—regardless of who their perpetrators may be. Personalities and events, great and small, are made subject to incisive, illuminating consideration—designed in humorous format and delivered with grace and style. He saves himself as target for some of the sharpest satire.

Each performance is ruled by a high standard of values, marked by good taste, and reveals profound understanding of and deep sympathy for the human condition. Virtually all are a demanding exercise of critical analysis, expressed by a skilled rhetorician.

Shakespeare's claim that "all the world's a stage" is accepted as dictum by this artist. His contributions throughout three wars account for well over a million miles of travel and unstinting entertainment for far more than ten million troops in virtually every military base in the United States and overseas. At many he has become an annual morale-booster. Even when infrequent illness has kept him at home, nearby veterans hospitals have been treated to holiday visits. Public appreciation of such unswerving devotion is poignantly expressed by a recent greeting card message which reads: "We wish the world the kind of Christmas on which Bob Hope may stay home."

He has been the recipient of nearly eight hundred awards and citations for professional talent and for varied, extensive charitable efforts. Such recognition includes the highest honors which the movie industry, the International Radio and Television Society, and the National Association of Broadcasters can bestow; as well as command performances for Britain's Royal Family, university honorary degrees, the United States Government Medal of Merit, and the Congressional Gold Medal.

The Ohio State University is privileged to honor a man whose largeness of spirit and responsible participation in life are of incalculable benefit—one whose individual contribution, by invoking hearty laughter, gains an extra dimension.

AMORY HOUGHTON

Doctor of Laws

Man of vision and devotion to his fellow men through his efforts as industrialist, diplomat, and public servant

Amory Houghton, presently honorary chairman of the board of the Corning Glass Works and a member of the company's executive committee, has served successively as president, board chairman, and chairman of the executive committee. During and after World War II he served on a number of governmental and national committees, and from 1957 to 1961 he represented the United States as Ambassador to France. Currently Mr. Houghton serves as a director of four other corporations and is actively associated with four educational institutions.

He has devoted his entire business career to the operations of the Corning Glass Works, an acknowledged world leader in the development and manufacturing of specialty glass products. Under his leadership, his company's sales increased thirty-two-fold and employment expanded ten times. This outstanding progress was largely due to his progressive and imaginative willingness to underwrite extensive research programs and to support them through the often discouraging and difficult developmental stages.

Mr. Houghton's sensitivity to employee relations is reflected in a strike-free record dating back to the turn of the century. His faith in the fruits of basic research and cooperative approaches has resulted in the formation of such outstanding and jointly controlled subsidiaries as the Pittsburgh Corning Corporation, Owens Corning Fiberglass Corporation, and the Dow Corning Corporation.

Mr. Houghton has also devoted his time and energies successfully to many public and national activities. At the outbreak of World War II he went to Washington as a "dollar-a-year man" to serve as Deputy Chief of the Bureau of Industry of the Office of Production Management, followed by two successive appointments to key positions on the War Production Board. He later served as Deputy Chief of the U.S. Mission for Economic Affairs in London. Later he was recalled to governmental service as United States Ambassador to France.

Mr. Houghton has been active in community affairs and initiated the formation and construction of the Corning Glass Center, a world-wide recognized center for the displays and libraries pertaining to the history, art, and science of glass-making. He has given tangible support to foundations for community programs directed to education, public health and welfare, and to the creation of the Corning Community College as a part of the State University of New York.

The Ohio State University is privileged to honor this distinguished leader for his creative role in industry, his dedication in public service, and for his many contributions to human progress.

Graduate School

Dean: Richard Armitage, Ph.D.

Doctor of Philosophy

One hundred and forty-nine candidates

Marvin Harless Agee, Blacksburg, Va.
B.S. in I.E., M.S. in I.E. (Virginia Polytechnic Institute)
Dissertation: An Economic Investigation of Machining Systems
Field of Specialization: Industrial Engineering

Rodolfo Ernesto Alemán-Ramírez, Columbus
B.S., M.S. (University of Arkansas)
Dissertation: Partial Characterization of Water Soluble Organic Components Contributing to Subsidence of Organic Soils
Field of Specialization: Agronomy

Dennis Clair Alexander, Honolulu, Hawaii
B.A. (Linfield College); M.A. (University of Hawaii)
Dissertation: Effects of Perceived Source Credibility, Ego-Involvement, and Initial Attitude on Students' Images of the Black Student Union
Field of Specialization: Speech

Norman Lee Asper, Indialantic, Fla.
B.S. Ed., M.A. Ed. (Ball State University)
Dissertation: The Relative Contributions of Overt and Covert Activity to the Learning of a Praxiological Concept
Field of Specialization: Education

John Badekas, Athens, Greece
Agron. and Survey Eng. (National Technical University of Athens); M.S.
Dissertation: Establishment of an Ideal World Geodetic System
Field of Specialization: Geodetic Science

Constantine A. Balanis, Williamsburg, Va.
B.S. (E.E.) (Virginia Polytechnic Institute); M.E.E. (University of Virginia)
Dissertation: Radiation from Slots on Cylindrical Bodies Using Geometrical Theory of Diffraction and Creeping Wave Theory
Field of Specialization: Electrical Engineering

Gordon Otto Besch, Oak Lawn, Ill.
B.S. (Wisconsin State University, LaCrosse); M.Ed. (Harvard University)
Dissertation: The Evolution of Some Major Concepts in Science Education
Field of Specialization: Education

Grace Curry Black, Fayetteville, N.C.
B.S.Bus., M.B.A. (University of Kansas)
Dissertation: An Analysis of Current Trends in Professional Laboratory Experiences in Business Education in Selected Colleges and Universities
Field of Specialization: Education

Jack Leo Bodden, Houston, Tex.
B.A. (Southwestern University, Texas); M.A.
Dissertation: Cognitive Complexity as a Factor in Appropriate Vocational Choice
Field of Specialization: Psychology

Thomas Allen Boehm, Hannacroix, N. Y.
B.S., M.S. (State University of New York, Albany)
Dissertation: Selected Supervisory Activities as Perceived by Pre-Service and In-Service Secondary Science Supervisors
Field of Specialization: Education

Randy George Bohn, Toledo
B.S.E.P. (University of Toledo)
Dissertation: The Thermal Conductivity of Solid Hydrogen
Field of Specialization: Physics

Donald Edward Bond, Cincinnati
B.A. (University of Dayton); M.A. in Educ. (Xavier University)
Dissertation: The Practice of Shared Time in Ohio Schools
Field of Specialization: Education

James Buchanan Boyer, Winter Garden, Fla.
B.S. (Bethune-Cookman College); M.Ed. (Florida Agricultural and Mechanical University)
Dissertation: A Study of the Cognitive Concepts Held by Pre-Service Teachers Relating to Economically and Socially Disadvantaged Learners
Field of Specialization: Education

John Robert Brannan, Columbus
B.S. in Phys.
Dissertation: Directional Correlations Between X Rays and Internal Conversion Electrons in Samarium 145, Gold 195, and Mercury 203
Field of Specialization: Physics

Herbert Eugene Brown, Columbus
B.S., M.S. (Southern Illinois University)
Dissertation: The Role of Personality and Perceived Risk in the Purchase of Branded Headache and Pain and Cold Remedies
Field of Specialization: Business Organization

Nicholas Michael Burdash, Hazelton, Pa.
B.S. (University of Scranton); M.S. (Duquesne University)
Dissertation: Detection of Antibodies to Nerve Tissues in Guinea Pigs Injected with Homologous Nerve
Field of Specialization: Microbiology

James Lee Burke, Columbus
B.S.Ed. (Capital University); M.A.
Dissertation: The Public Career of Judson Harmon
Field of Specialization: History

Rodney Alphonzo Burrows, Stuart, Fla.
B.S. (Hampton Institute); A.M. (University of Illinois)
Dissertation: Non-Judicial Determinants Involved in the Implementation of a Judicial Decision with Special Reference to the Application of the Decision in *Brown v. Board of Education* in Two Louisiana Parishes
Field of Specialization: Political Science

Orton Carmichael Butler, Memphis, Tenn.
A.B. (Oberlin College); M.A. (Clark University)
Dissertation: Microclimates of Neotoma, A Small Valley in Southern Ohio: Their Elements, Controls, and Classification
Field of Specialization: Geography

Frederick Charles Byham, Dunkirk, N. Y.
B.S. in Edu. (Edinboro State Teachers College, Pennsylvania); M.S. (Clarkson College of Technology)
Dissertation: Indirect Proof in Geometry from Euclid to the Present
Field of Specialization: Education

- Paul Cochran Caley, Columbus
B.S. in Edu., M.A.
Dissertation: An Experimental Analysis of the Differential Effects of Lecture-Discussion and Laboratory Activity on the More Complete Understanding of Technological Concepts Learned in Written Learning Materials
Field of Specialization: Education
- William Bradford Caswell, Jr., Middlebury, Vt.
A.B. (Middlebury College)
Dissertation: The Hydrogeology of Thin-Limestone Layers in East-Central Ohio
Field of Specialization: Geology
- Jerry Lee Christensen, Columbus
B.S. in Opt., M.S.
Dissertation: Response Characteristics of Single Neurons in the Visual Cortex of the Virginia Opossum
Field of Specialization: Physiological Optics
- George Ronald Christopher, Columbus
A.B. (Colgate University); M.Ed. (Kent State University)
Dissertation: The Influence of a Computer Assisted Instruction Experience upon the Attitudes of School Administrators
Field of Specialization: Education
- Marianne Calcagni Ciotti, Barre, Vt.
B.A. (University of Vermont); M.A. (Middlebury College)
Dissertation: A Conceptual Framework for Small-Group Instruction in French
Field of Specialization: Education
- Mary Ellen Clay, Freeport
B.S. (Muskingum College); M.S.
Dissertation: The Fine-Structure of the Oesophageal Diverticula in the Mosquito *Aedes triseriatus* (Say)
Field of Specialization: Zoology and Entomology
- John Patrick Collette, Red Lake Falls, Minn.
Ph.B., M.A. (University of North Dakota)
Dissertation: Disability as Crisis: An Analysis of the Marital Relationships of Disabled Breadwinners
Field of Specialization: Sociology
- Madeline Anna Cooke, Parma
B.S. in Ed.; M.A. (Mexico City College)
Dissertation: A Study of the Development of Positive Attitudes toward Native Speakers of Spanish
Field of Specialization: Education
- Robert L. Cowden, Parma
B.S.Ed. (Muskingum College); M.A.Ed. (Kent State University)
Dissertation: A Comparison of the Effectiveness of First and Third Position Approaches to Violin Instruction
Field of Specialization: Music
- John Roswell Cummings, Salem, Ore.
A.B. (Northwest Nazarene College); M.Ed. (Oregon College of Education)
Dissertation: Development of an Instrument to Measure Attitudes toward Science and the Scientist
Field of Specialization: Education
- James Clarence Darnier, Adamsville
B.S., M.S.
Dissertation: A Comparison of the Autoimmunogenicity of Various Liver Cell Fractions in New Zealand White Rabbits
Field of Specialization: Microbiology
- Diane Lee DeBacy, Lancaster, N. Y.
Ed. B., Ed.M. (State University of New York, at Buffalo)
Dissertation: The Effect of Viewing Videotapes of a Selected Sport Skill Performed by Self and Others on Self-Assessment
Field of Specialization: Physical Education
- Arthur Paul De Genaro, Youngstown
B.Sc. in Educ., M. in Educ. (Kent State University)
Dissertation: Experimental Use of the Video Tape Recorder as an Evaluative Instrument and Observational Tool in the Supervision of Student Teachers of Physical Education
Field of Specialization: Physical Education
- Edvins Demuts, Grove City
B.C.E., M.S.
Dissertation: Lateral Buckling of Circular Arches Subjected to Uniform Gravity Type Loading
Field of Specialization: Civil Engineering
- Terry Lee Devine, Van Wert
B.S. (Central Michigan University); M.S.
Dissertation: A Systematic Analysis of the Exchange of Water between a Mite *Laelaps Echinidina* and the Surrounding Vapor
Field of Specialization: Nuclear Engineering
- Robert Eugene Dorrell, New Wilmington, Pa.
B.F.A. (Drake University); M.A. (Case Western Reserve University)
Dissertation: A History of the Early Hartman Theatre: 1911-1921
Field of Specialization: Theatre
- Thomas Wesley Doub, Jr., Columbus
B.Ch.E., M.S.
Dissertation: Suboptimal On-Line Control of High-Order Linear Systems
Field of Specialization: Chemical Engineering
- John William Douglas, Glenville, W. Va.
B.S.P.E., M.S. (West Virginia University)
Dissertation: An Analysis of Administrative Leadership in Physical Education Departments
Field of Specialization: Physical Education
- Joyce Bednar Ebner, Parma
B.S. (Chem.) (Bowling Green State University); M.S.
Dissertation: Synthesis of Macromolecules during Morphogenesis in *Streptomyces fradiae*
Field of Specialization: Microbiology
- Larry Craig Elbrink, Terre Haute, Ind.
B.A., M.A. (Indiana State University)
Dissertation: The Life and Works of Dr. John August Swenson, Mathematics Educator, 1880-1944
Field of Specialization: Education

- Farouk Shaaban El-Feraly, Alexandria, Egypt
B.Pharm. (Alexandria University) ; M.S.
Dissertation: I. The Structure and Stereochemistry of Two Antitumor Sesquiterpenes, Tulipinolide and *epi*-Tulipinolide II. The Isolation and Characterization of New Constituents from *Fyrethrum* Flowers
Field of Specialization: Pharmacy
- David Lee Erickson, Brainerd, Minn.
B.S. (University of Minnesota) ; M.S. (University of Idaho)
Dissertation: Attitudes about Wildlife and Preferences in Television Programs: A Communication Study
Field of Specialization: Zoology and Entomology
- Noel John Farrier, Pittsburgh, Pa.
B.S. in Chem. (Carnegie Institute of Technology) ; M.S. (University of Pittsburgh)
Dissertation: Synthesis, Characterization, and Aqueous Reactions of Cobalt(III) Complexes Containing Monodentate Ligands
Field of Specialization: Chemistry
- Solomon Hernández Flores, Kansas City, Kan.
B.A. (Ottawa University) ; M.A. (University of Kansas)
Dissertation: The Nature and Effectiveness of Bilingual Education Programs for the Spanish-Speaking Child in the United States
Field of Specialization: Education
- Severne Allen Frazier, Montgomery, Ala.
B.S. in Edu. (Alabama State Teachers College) ; M.A.
Dissertation: A History and a Comparative Analysis of the Alabama Interscholastic Athletic Association and the National High School Athletic Association
Field of Specialization: Physical Education
- Donald Lewis Fritz, Reynoldsburg
A.B. (Capital University) ; B.D. (The Evangelical Lutheran Seminary) ; M.A.
Dissertation: The Generation Gap in Current Attitudes toward Religion
Field of Specialization: Speech
- Thomas Anthony Galantowicz, Columbus
B.E.E. (University of Detroit) ; M.S.
Dissertation: Backward Traveling Wave Optical Parametric Interactions
Field of Specialization: Electrical Engineering
- Dexter George Girtan, Columbus
B.E.E., M.S.
Dissertation: Diffusion and Luminescence of Rare Earths in Cadmium Sulfide
Field of Specialization: Electrical Engineering
- Leonard Seymour Goldberg, Columbus
B.A. (State University College of Education, Oswego, New York) ; M.A.
Dissertation: Negroid-Caucasoid Differences among College Freshmen
Field of Specialization: Education
- Leo Anthony Gosser, Mansfield
B.S. (Saint Vincent College)
Dissertation: An Equilibrium and Reaction Study of the Glycylglycinate - Glyoxalate - Nickel(II) and Zinc(II) Systems
Field of Specialization: Chemistry
- Donald Anthony Guidice, Dayton
B.E.E. (Manhattan College) ; M.S.
Dissertation: Observations of Discrete Sources and the Galactic Spur in the 20-40 MHz Range
Field of Specialization: Electrical Engineering
- Joann Hallaway, Dalton, Ga.
B.S. in H.E., M.S. (University of Tennessee)
Dissertation: Relationships between Possession and Function of Selected Household Appliances and Eight Demographic Variables
Field of Specialization: Home Economics
- Ginger Irene Hamilton, Portsmouth
B.S.Ed. (Ohio University) ; M.A.
Dissertation: An Investigation of the Visual-Learning Deficit Associated with Inferotemporal Isocortical Resections in Monkeys
Field of Specialization: Psychology
- Robert Wilson Hamilton, Davenport, Ia.
B.S. (Parsons College) ; M.S.
Dissertation: Studies of the Rhynchophorous Families Nemomychidae, Attelabidae, and Rhynchitidae, with a Revision of North American Species of *Attelabus* Linnaeus, *Rhynchites* Schneider, and *Eugnamptus* Schoenherr (Coleoptera: Curculionioidea)
Field of Specialization: Zoology and Entomology
- Dale J. Hansen, Moscow, Ida.
B.S.Ag., M.S. (University of Idaho)
Dissertation: Experimental Induction of Tropic Responses in *Trifolium Fragiferum* L. Stolons
Field of Specialization: Agronomy
- David Carlton Hardwick, Cuyahoga Falls
A.B. (Berea College) ; M.A.Ed. (University of Akron)
Dissertation: A Survey of Teachers' Reactions Regarding University and Public School Co-Sponsored Instructional Activities
Field of Specialization: Education
- John Kelly Harting, Cincinnati
B.A. (Ohio Wesleyan University) ; M.S.
Dissertation: Some Efferent Neocortical Projections in the Armadillo, *Dasypus Novemcinctus*
Field of Specialization: Anatomy
- Donald Raymond Hellison, Elmhurst, Ill.
B.A. (Monmouth College) ; M.A. (Kent State University)
Dissertation: The Effect of Physical Conditioning on Affective Attitudes toward the Self, the Body, and Physical Fitness
Field of Specialization: Physical Education
- Jeffrey Roy Herold, Buffalo, N. Y.
B.A. (Concordia Senior College, Fort Wayne, Indiana) ; M.Educ. (State University of New York, at Buffalo)
Dissertation: The American Faith in the Schools as an Agency of Progress: Promise and Fulfillment
Field of Specialization: Education
- Charles Selby Herrin, Provo, Utah
B.S., M.A. (Brigham Young University)
Dissertation: A Systematic Revision of the Genus *Hirstionyssus* (Acari - Mesostigmata) of the Nearctic Region, Based on the Principles of Numerical Taxonomy
Field of Specialization: Zoology and Entomology

Donald Robert Herring, Goliad, Tex.
B.Sc., M.A.Edu. (Texas Agricultural and Mechanical University)
Dissertation: Guidelines for Organizing and Operating Multiple Teacher Departments of Vocational Agriculture
Field of Specialization: Agricultural Education

Konrad John Heuvers, Palo Alto, Calif.
B.S., M.S. (Stanford University)
Dissertation: Clifford Algebras, Inner Products, and Spinors

Field of Specialization: Mathematics

Jaime Hidalgo-Ebel, Santiago, Chile
M.S.
Dissertation: Ionic Interactions between Hydrophillic Colloids and Milk Serum Proteins
Field of Specialization: Dairy Technology

Lowell Wayne Horton, Xenia
B.S. (Rio Grande College) ; M.Ed. (Ohio University)
Dissertation: An Analysis of Illegibilities in the Cursive Handwriting of 1000 Selected Sixth-Grade Students
Field of Specialization: Education

George Raymond Hunter, Herminie, Pa.
A.B. (West Virginia University)
Dissertation: Morphology and Permeability of Heart Mitochondria
Field of Specialization: Physiological Chemistry

Ann Lavee Hussein, Philadelphia, Pa.
B.A. (University of Pennsylvania) ; M.A.
Dissertation: Factors Emerging from Favorableness Judgments of Basic Interview Data in Six Occupational Fields
Field of Specialization: Psychology

Shrinivas Shankar Iyer, Indore, M. P. India
B.Sc. (Agra University) ; M.Sc. (Vikram University)
Dissertation: The Numerical Solution of the Space-Time Reactor Kinetics Equations Using an Alternating Direction Explicit Procedure
Field of Specialization: Nuclear Engineering

Benjamin Franklin Jacoby, Columbus
B.S. (Case Western Reserve University) ; M.S.
Dissertation: A Silicon Diode Mosaic Array Vidicon Tube for X-Ray Imaging
Field of Specialization: Electrical Engineering

*James Logan Jesse, Cincinnati
B.S. in Ed., M.Ed. (University of Cincinnati)
Dissertation: Duties, Problems, and Training Needs of Local Developers of Federally Assisted Programs
Field of Specialization: Education

Gary Russell Johnson, Columbus
D.V.M., M.S.
Dissertation: The Effects of a Neuropathogenic Canine Herpesvirus on Non-neural and Neural Cell Cultures and Brain Explants
Field of Specialization: Veterinary Pathology

Lois Marilyn Jones, Columbus
B.S., M.S.
Dissertation: The Application of Strontium Isotopes as Natural Tracers: The Origin of the Salts in the Lakes and Soils of Southern Victoria Land, Antarctica
Field of Specialization: Geology

* Degree granted in cooperation with Miami University

Evan James Kern, Kenmore, N. Y.
B.S. in Edu., M.A.
Dissertation: Three Dimensions of Experience: A Curriculum Model for Art Education
Field of Specialization: Art

Agam Singh Khangarot, Udaipur, India
B.Sc.Ag., M.Sc.Ag. (University of Rajputana)
Dissertation: Relative Intensity of Soil Weathering of Wisconsin and Illinoian-Age Terraces near Newark, Ohio
Field of Specialization: Agronomy

Farrell Michael Kilbane, Cleveland
B.S. (John Carroll University)
Dissertation: A Measurement of the X-Ray Debye Temperature of Tungsten in the Range $4.2^{\circ}\text{K} \leq T \leq 297^{\circ}\text{K}$
Field of Specialization: Physics

Carl Heinz Knoche, Milwaukee, Wis.
B.A. (Marquette University) ; M.A.
Dissertation: The German Immigrant Press in Milwaukee
Field of Specialization: German

Robert Charles Koettel, Westerville
B.A. (Otterbein College) ; M.A.
Dissertation: Differences in Value Orientation across Four Years of College and the Relationship between Value Orientation and Interpersonal Atmospheres
Field of Specialization: Psychology

Gary Stephen Kyker, Niota, Tenn.
B.S. (Tennessee Wesleyan College) ; M.S.
Dissertation: Reactions of Titanium Tetrachloride with Aminoboranes
Field of Specialization: Chemistry

Peter Babcock Lake, State College, Pa.
B.S. (Pennsylvania State University)
Dissertation: Dislocation Structures in Germanium Single Crystals Deformed in a Dual Glide Orientation
Field of Specialization: Metallurgical Engineering

George Gene Lamb, Crestline
B.S. in Edu., M.S. in Edu. (Bowling Green State University)
Dissertation: A Study of the Administrative Capacity of the Bolivian Education System
Field of Specialization: Education

Judah Landau, Bronx, N. Y.
B.S. (Massachusetts Institute of Technology)
Dissertation: The Low Temperature Osmotic Pressure of Degenerate Dilute Liquid $\text{He}^3\text{-He}^4$ Solutions Under Pressure
Field of Specialization: Physics

Kiu Hee Lee, Seoul, Korea
B.S.E. (Ch.E.) (University of Michigan) ; M.S.
Dissertation: The Transient and Equilibrium Study of Time-Dependent Polymer Rheology Data
Field of Specialization: Chemical Engineering

Joseph Jen-Yin Liang, Taipei, Taiwan
B.A. (National Taiwan University) ; M.A. (University of Detroit)
Dissertation: On Interrelations of Arithmetical Invariants in Algebraic Number Fields
Field of Specialization: Mathematics

James Edward Liese, Fairfield, Calif.
A.B. (Chico State College) ; M.A. (Columbia University)
Dissertation: Short-Term Memory for a Motor Response
Field of Specialization: Physical Education

John Coleman Love, West Haven, Conn.

B.S. in Phys.

Dissertation: The Nickel-61 Mössbauer Effect in Nickel-Transition Metal Alloys and Nickel Compounds

Field of Specialization: Physics

Marilyn Steude Lucas, Columbus

B.S. in Edu., M.A.

Dissertation: The ITPA and the Coding Process in Mental Retardates

Field of Specialization: Psychology

Bruce Wayne Lyon, Newton, Kan.

B.S., M.A. (Northwestern University)

Dissertation: The Federal Government and College Students During the Great Depression: A Study of the College Student Aid Programs of the Federal Emergency Relief Administration and the National Youth Administration

Field of Specialization: Education

John Andrew Maccini, Columbus

A.B., M.A. (Boston University)

Dissertation: Evaluation of an Audio-Visual Tutorial Laboratory Serving College-Level Introductory Geology

Field of Specialization: Education

Arlan Warren Mantz, Fairborn

A.B. (Catawba College); M.S.

Dissertation: High Resolution Infrared Spectra of Linear Triatomic Molecules

Field of Specialization: Physics

Allan Henry Markowitz, Skokie, Ill.

A.B. (University of California, Los Angeles); M.S.

Dissertation: A Study of Stars Exhibiting Composite Spectra

Field of Specialization: Astronomy

Albert Joseph Martin, Jr. Wilmington, Del.

B.A., M.B.A. (University of Delaware)

Dissertation: An Exponential Model for Predicting Trial of a New Consumer Product

Field of Specialization: Business Organization

Helen Marie McDaniel, Columbus

B.S. in Soc. Adm., M.A. in Soc. Adm.

Dissertation: The Sectarian Agency in a Changing Society (A Descriptive Study)

Field of Specialization: Social Work

Hugh John McDonald, Manhattan, Kan.

B.S. (Ag.), M.S. (Kansas State University)

Dissertation: A Linear Programming Model to Optimize the Transfer Cost and Facility Requirements for U.S. Grain Exports

Field of Specialization: Agricultural Economics and Rural Sociology

Keith Donavon McFarland, Dover

B.S.Ed. (Kent State University); M.A.

Dissertation: Secretary of War Harry H. Woodring and the Problems of Readiness, Rearmament and Neutrality, 1936-1940

Field of Specialization: History

Charles Robert McNeerney, Columbus

A.B., A.M. (Colorado State College)

Dissertation: Effects of Relevancy of Content on Attitudes toward, and Achievement in, Mathematics by Prospective Elementary School Teachers

Field of Specialization: Education

John Peter Minton, Columbus

B.S., M.D., M.M.S.

Dissertation: The Response of the DBA/2J Mouse Spleen Lymphoid Cells to Antithymocyte Serum and Polyoma Virus

Field of Specialization: Microbiology

Frederick Nicholson Moore, Columbus

B.S. in Edu. (Wittenberg University); M.S.

Dissertation: A Comparative Study of Teaching Strategies Involving Closed-Circuit Television and Programmed Instruction

Field of Specialization: Education

Gerald Robert Moses, Columbus

B.S. (Loyola University); M.A. (Western Michigan University)

Dissertation: The Effects of Participation in Demonstration Therapy upon the Ability of Speech-Clinicians-in-Training to Assess Stuttering

Field of Specialization: Speech

Roland Frederick Moy, Columbus

B.S. (Wisconsin State University, Eau Claire); M.A.

Dissertation: Two Theories of Democratic Political Development: An Analysis Using Computer Simulation

Field of Specialization: Political Science

John Sebastian Mugerwa, Lugazi, Uganda

B.S., M.S. (University of Rhode Island)

Dissertation: The Relationship of Dietary Nitrogen to Urea Kinetics and Protein Synthesis in Dairy Cows

Field of Specialization: Dairy Science

Linda Wagenhals Mulligan, Canton

B.A., M.A.

Dissertation: Women in Marriage: A Study of Social Roles, Marriages, and Self-Esteem among Upper-Middle Class Women

Field of Specialization: Sociology

Robert Charles Murray, Grand Rapids, Mich.

A.B. (Albion College); M.S.

Dissertation: The Carcinostatic Effects of Dialyzed Avian Ovarian Extract on Krebs-2 Carcinoma in Mice

Field of Specialization: Zoology and Entomology

Wallace H. Nolin, Barberton

B.S. (Ed.) (Muskingum College); M.Educ. (Kent State University)

Dissertation: Patterns of Teacher-Student Interaction in Selected Junior High School General Music Classes

Field of Specialization: Education

Roger Arlo Nordstedt, Manhattan, Kan.

B.S. in Feed Tech., M.S. (Kansas State University)

Dissertation: Analysis of Animal Waste Storage and Land Disposal Systems

Field of Specialization: Agricultural Engineering

Edmund Frank Pawlowicz, Toledo

B.E.E., M.S.

Dissertation: An Isostatic Study of Northern and Central Greenland Based on Gravity Values and Airborne Radar Ice-Thickness Measurements

Field of Specialization: Geology

John Kenyon Payton, Johnstown

B.A. (Otterbein College); M.A.

Dissertation: Recruitment and Selection of Professional Staff: The Role of the High School Principal

Field of Specialization: Education

*Roger Horton Peck, Oxford
B.S. (Taylor University); M.Ed. (Miami University)
Dissertation: The Relationship of Teachers' Level of
Dogmatism and Sense of Power to Their Receptivity to
Change
Field of Specialization: Education

Philip John Pollick, Toledo
B.S. (University of Toledo)
Dissertation: Polynuclear Transition Metal Carbonyls
Containing Sulfur and Phosphorus
Field of Specialization: Chemistry

M. Anandha Rao, Ecunderabad, A.P. India
B.Chem.E., M. Tech. (Osmania University); M.S.
(University of Cincinnati)
Dissertation: Turbulence and Mixing in a Continuous
Flow Stirred Tank
Field of Specialization: Chemical Engineering

Richard Charles Rapson, Jr., Columbus
B.S. (Rose Polytechnic Institute); M.S.
Dissertation: Evaluation of Several Methods for Large-
Signal Stabilization of Conditionally Stable Systems with
Saturation
Field of Specialization: Mechanical Engineering

Edward John Recchia, Detroit, Mich.
Ph.B., M.A. (University of Detroit)
Dissertation: Form and the Creative Process: Lesson and
Example in Eleven of Henry James's Artist Tales
Field of Specialization: English

John Phillips Resch, Youngstown
B.A. (Denison University); M.A.
Dissertation: Anglo-American Efforts in Prison Reform,
1850-1900: The Work of Thomas Barwick Lloyd Baker
Field of Specialization: History

Larry Thomas Reynolds, Mt. Pleasant, Mich.
B.A., M.A. (Central Michigan University)
Dissertation: The Sociology of Symbolic Interactionism
Field of Specialization: Sociology

Robert Charles Ringe, Columbus
A.B. (Capital University); M.A.
Dissertation: An Analysis of Selected Personality and
Behavioral Characteristics which Affect Receptivity to
Religious Broadcasting
Field of Specialization: Speech

Mollie Joan Robbins, Columbus
B.A. (Psych.) (San Jose State College); M.A.
Dissertation: Motivational Control of Retrograde Amnesia
Field of Specialization: Psychology

Stanford Dean Ruggles, Columbus
A.B. (Findlay College); M.A.
Dissertation: Placebo Program Branching and Learner
Self-Concepts
Field of Specialization: Education

Karl Scheller, Dayton
B.Ch.E. (Cooper Union); M.S.
Dissertation: Study of Heat Transfer to the End Wall of
a Shock Tube
Field of Specialization: Chemical Engineering

* Degree granted in cooperation with Miami University

Michael Fred Schmidt, Akron
A.B. (Brandeis University)
Dissertation: Explanation
Field of Specialization: Philosophy

John Richard Schorr, Columbus
B.Cer.E., M.S.
Dissertation: Influence of Ambient Atmospheres in
Maturation of Ceramic Whitewares
Field of Specialization: Ceramic Engineering

John W. Schweikert, Cincinnati
B.S. (Western Kentucky State College); M.Ed. (Miami
University)
Dissertation: Pupillometrics: A Pilot Study to Appraise
Its Potential as a Non-Verbal Instrument to Evaluate
Student Attitudes
Field of Specialization: Education

David Morris Scott, Reynoldsburg
S.B. in M.E. (Massachusetts Institute of Technology)
Dissertation: A Calculation of the K - Meson Electro-
magnetic Mass Difference Based on the Veneziano
Representation
Field of Specialization: Physics

Robert Keith Semple, Toronto, Ont., Canada
B.A., M.A. (University of Toronto)
Dissertation: Regional Types of Viability Within a System
of Urban Places
Field of Specialization: Geography

Wilbur Jewell Settle, Glasgow, Ky.
B.A. (Centre College of Kentucky); M.S.
Dissertation: Biosystematic Studies in the Genus *Silphium*
L. (Compositae); *Silphium integrifolium* Michaux
Field of Specialization: Botany

Dean Leroy Shappell, Tiffin
B.S.Ed., M.A. (Bowling Green State University)
Dissertation: The Relationship of Socio-Economic Status
to School Motivation and Occupational Orientation
Field of Specialization: Education

John Robert Shea, Ajo, Ariz.
B.S. in B.A. (University of Arizona); M.A.
Dissertation: The Allocation and Utilization of Secondary
School Teachers: A Case Study
Field of Specialization: Economics

James Allen Shell, Farmersville
B.Cer.E., M.S.
Dissertation: Behavior of Iron and Titanium Oxides in the
Glassy Phase
Field of Specialization: Ceramic Engineering

Geoffrey Wayne Smith, Boston, Mass.
B.S. (Tufts University); M.S. (University of Maine)
Dissertation: Surficial Geology of the Shuswap River
Drainage, British Columbia
Field of Specialization: Geology

Stewart Edward Smith, Baltimore, Md.
B.S. (Howard University)
Dissertation: A Study of the Low-Temperature Gas-Phase
Oxidation of n-Pentane in a Flow System
Field of Specialization: Chemistry

- David William Snyder, Tucson, Ariz.
B.S. in P.Ed. (University of Texas); M.Ed. (University of Arizona)
Dissertation: The Relationship between the Area of Visual Occlusion and Groundstroke Achievement of Experienced Tennis Players
Field of Specialization: Physical Education
- Robert Roy Spanabel, Struthers
B.S. (Kent State University); M.A. (State University of Iowa)
Dissertation: A Stage History of *Henry the Fifth*: 1583-1859
Field of Specialization: Theatre
- Marjorie Ann Stewart, Cincinnati
B.A. (Miami University); M.S.Ed. (Indiana University)
Dissertation: A Comparison of Commuting and Resident Students on an Urban Campus
Field of Specialization: Education
- Richard James Stranges, Columbus
A.B. (West Liberty State College); M.A.
Dissertation: The Relationship between Various Characteristics of Counselors and Their Selected Counselors
Field of Specialization: Education
- *Phil Edward Suiter, Chesapeake
B.A., M.A. (Marshall University)
Dissertation: The Development and Validation of a Series of Self-Instructional Modules in Interaction Analysis
Field of Specialization: Education
- Russell Hammond Thackery, Columbus
B.S. (Florida Southern University); M.S.
Dissertation: Foam Mat Dehydration of Sauerkraut Juice
Field of Specialization: Horticulture and Forestry
- Dorothy English Thompson, Minerva
B.S. in Ed. (Framingham State College)
Dissertation: Effects of Certain Dietary Treatments on Urinary Taurine Levels of College Women
Field of Specialization: Home Economics
- *Marilyn Elizabeth Throne, North Ridgeville
B.A., M.A. (Miami University)
Dissertation: The Two Selves: Duality in Willa Cather's Protagonists and Themes
Field of Specialization: English
- John Edward Tolle, Columbus
B.S., M.S.
Dissertation: The Distribution of Vehicular Headways—A Stochastic Model
Field of Specialization: Civil Engineering
- Bert Kerr Waits II, Columbus
B.S. in Edu., M.S.
Dissertation: Relative Effectiveness of Two Television Techniques and One Large Lecture Technique for Teaching Large Enrollment College Mathematics Courses
Field of Specialization: Education
- David Leslie Waldorf, Columbus
B.S. in Engr. Physics (Montana State College); M.S. (Purdue University)
Dissertation: A Study of Relaxation Processes in High Purity Gallium at Low Temperatures
Field of Specialization: Physics
- Michael Joseph Walsh, Baltimore, Md.
B.S. (University of Maryland)
Dissertation: Acetaldehyde-Induced Release and Altered Metabolism of Catecholamines: Its Role in Ethanol Actions and the Disulfiram - Alcohol Reaction
Field of Specialization: Pharmacology
- Philip W. Warken, Columbus
A.B. (Capital University); M.A.
Dissertation: History of The National Resources Planning Board, 1933-1943
Field of Specialization: History
- Howard Ralph Watrous, Dayton
B.S. in Bus. Adm.; M.S. (University of Oregon)
Dissertation: An Analysis of the Causes of Small Business Discontinuances: Real Estate Brokerage Failures in the State of Oregon
Field of Specialization: Business Organization
- Nathan James Weate, Jr., Worthington
B.S. in Edu., M.A.
Dissertation: An Analysis of the Curriculum Phase of the Teacher Education and Media Project of the American Association of Colleges for Teacher Education
Field of Specialization: Education
- Lawrence David Wells, Seattle, Wash.
B.A. (University of Washington); M.A.
Dissertation: The Ambivalence of Nature in the Works of Adalbert Stifter
Field of Specialization: German
- William James Wert, Mansfield
B.S.Ed. (Ohio Northern University); M.A.
Dissertation: A Preparation Program for Pupil Personnel Administrators
Field of Specialization: Education
- Charles Dudley Whyte, Far Rockaway, N. Y.
B.S. (Prairie View Agricultural and Mechanical College); M.S.
Dissertation: Dynamic Short-Term Estimating and Forecasting Models for Wholesale Beef Price
Field of Specialization: Agricultural Economics and Rural Sociology
- Macon Lassiter Williams, Columbus
B.A., M.A.
Dissertation: Analytical Ability, Social Conformity and *N* Influence as a Function of Temporal and Spatial Disembedding Skill
Field of Specialization: Psychology
- Ronald Williams, Athens
A.B., M.A. (Case Western Reserve University)
Dissertation: The Identification of Terminal Intonational Contours of Selected Sentences in American English
Field of Specialization: Speech
- James Graham Williamson, Columbus
B.S. in Phys., M.S.
Dissertation: ν_3 Bands of H_2^{18}O , H_2^{16}O and D_2^{16}O
Field of Specialization: Physics
- Charles Xavier Witten, Williamsburg, Va.
B.S., M.A. (University of Maryland)
Dissertation: The Effects of Three Liquids on Exhaustive Exercise and Absorption in College Men
Field of Specialization: Physical Education

* Degree granted in cooperation with Miami University

**Certificate of Specialist in
Educational Administration**

One candidate

Theodore Paul Swingle, Lexington
B.S. in Agr., M.S.

**Certificate in Teaching English
Speakers of Other Languages**

Two candidates

Charlena Moten Seymour, Columbus
B.F.A. (Howard University); M.A.

Darnell Williams, Banning, Calif.
B.S. (Bishop College); M.A.

Master of Accounting

Two candidates

Harry Thomas Anderson, Youngstown
A.B. (Wheaton College)
Field of Specialization: Accounting

James Grover Johnston, Toledo
B.B.A. (University of Toledo)
Field of Specialization: Accounting

Master of Architecture

One candidate

Michael Wright Fazio, Birmingham,
Ala.
B.Arch. (Auburn University)
Field of Specialization: Architecture

Master of Arts

Two hundred and thirty-five candidates

Barry Calvin Abramsky, Toronto,
Ont., Canada
B.A. (Queen's University)
Field of Specialization: Education

Carol Nell Adelsperger, Carey
B.S. (Bowling Green State University)
Field of Specialization: Education

Linda Lee Anagnoston, Dayton
B.S. in Edu.
Field of Specialization: History

Patricia McKay Baker, Bethesda, Md.
B.A. (University of Maryland)
Field of Specialization: Psychology

Howard Guy Ball, Columbus
B.S. in Soc. Adm.
Field of Specialization: Education

Stephen Hayden Barnes, Washington,
D. C.
B.Mus. (Peabody Conservatory of
Music)

Field of Specialization: Music
Gail Ingrish Baum, Columbus
B.A. (Northwestern University)
Field of Specialization: English

Carol Lee Bauman, Brooklyn, N. Y.
B.A. (Brooklyn College)
Field of Specialization: Romance
Languages

Charles Allen Beatty, III, Columbus
B.S. in Edu.
Field of Specialization: Education

Gerald James Becker, Canton
A.B. (Heidelberg College)
Field of Specialization: Education

Sandra Williams Bennett,
Reynoldsburg
B.S. in Ed. (Otterbein College)
Field of Specialization: Speech

Maria Dulce Bandiera Bergamin,
Sao Paulo, Brazil
Field of Specialization: Psychology

James Malcolm Berndt, Newark
B.F.A., B.S. in Edu.
Field of Specialization: Art

Gertrude Mae Bernstein, Cleveland
B.A., M.A.
Field of Specialization: English
(TESOL)

John Robert Blinn, Bowling Green
B.S. in Jour. (Bowling Green State
University)
Field of Specialization: Journalism

Emily Ruth Bodenheimer, Baltimore,
Md.
A.B. (Goucher College)
Field of Specialization: Slavic
Languages

Carol Anne Bradley, Wilmington, Del.
B.A. (Ohio Dominican College)
Field of Specialization: English

Barbara Ann Breisch, Harrington
Park, N. J.
B.S. (Pennsylvania State University)
Field of Specialization: Education

Kenneth William Brewer, Cincinnati
B.A. (Xavier University)
Field of Specialization: History

Dorothy Caldwell Briss, Columbus
B.A. (College of Wooster)
Field of Specialization: Education

Annie Ruth Marable Brown, Ayden,
N. C.
B.S. (North Carolina Agriculture and
Technical State University)
Field of Specialization: Education

Marcy Basye Brown, Columbus
B.S. in Edu.
Field of Specialization: Education

Richard Brown, Euclid
A.B. (Oberlin College)
Field of Specialization: English

John Douglas Bruington, Columbus
B.A. (Montana State University)
Field of Specialization: Education

James Van Bunnell, Forest
B.S. in Agr.
Field of Specialization: Anthropology

Meredith Applegate Butler, East
Liverpool
B.A.
Field of Specialization: German

Alfonza Butts, Cleveland
B.S. (Tennessee Agricultural and
Industrial State University)
Field of Specialization: Education

Anita Wolf Byler, Loudonville
B.S. in Edu.
Field of Specialization: Education

William Paul Cameron, Columbus
B.S. in Edu.
Field of Specialization: Education

Steve J. Candela, Ashtabula
B.S. in Educ. (Kent State University)
Field of Specialization: Education

Dianne Putnam Carrera, Columbus
B.S. (Marietta College)
Field of Specialization: Psychology

Larry Joseph Cepek, Columbus
B.S. in Edu.
Field of Specialization: Education

Stefen Rhys Chapman, Columbus
B.S. in Edu.
Field of Specialization: Education

J. Peter Chow, Pasadena, Calif.
B.Th. (Bethel Bible Seminary); B.A.
(Azusa Pacific College)
Field of Specialization: East Asian
Languages

Stephen Philip Churchill, Sunbury
B.A. (Ohio Northern University)
Field of Specialization: Education

Sumner Norman Clarren, Columbus
A.B. (Oberlin College)
Field of Specialization: Psychology

Mary Lou Combs, Antigo, Wis.
B.S. (Wisconsin State University at
Oshkosh)
Field of Specialization: Physical
Education

Wallace Edward Conard, Columbus
B.A. (Otterbein College)
Field of Specialization: Education

- James Goodman Connell, Jr., Adel, Ga.
B.S. (United States Naval Academy);
M.A. (University of Georgia)
Field of Specialization: Slavic
Languages
- John Andrew Cooley, Dover
A.B. (Oberlin College)
Field of Specialization: History
- Byron Eugene Corbin, Columbus
B.A.
Field of Specialization: Slavic
Languages
- Elizabeth Fortunato Crider, Broomall,
Pa.
B.S.Ed. (West Chester State College)
Field of Specialization: History
- Thomas Richard Crowe, Dola
B.S.Ed. (Ohio Northern University)
Field of Specialization: Education
- Mable Rayson Cutliff, Shreveport, La.
B.S. (Grambling College); M.Ed.
(Prairie View Agricultural and
Mechanical College)
Field of Specialization: Education
- Richard Kenneth Dahl, Columbus
A.B. (Saint Paul's College,
Washington, D. C.)
Field of Specialization: History
- Sandra Bowman Damico, Columbus
B.A.
Field of Specialization: Education
- Jacqueline Eda Davis, Detroit, Mich.
B.S.Ed. (Wayne State University)
Field of Specialization: Dance
- Mary Truitt Dawson, Worthington
B.S. in Edu.
Field of Specialization: Education
- Robert Alan Day, Boise, Ida.
B.A. (Montana State University)
Field of Specialization: Sociology
- Mary Helen Dittmer, Quincy, Ill.
B.S. Edu. (Northeast Missouri State
Teachers College)
Field of Specialization: Education
- Linn Dixon, Yellow Springs
B.A. (Antioch College)
Field of Specialization: Psychology
- Kultida Duangnetre, Chiangrai,
Thailand
B.Ed. (Chulalongkorn University)
Field of Specialization: Education
- Richard Franklin Durfee, Jr.,
Osawatome, Kan.
B.S. in Educ. (Kansas State Teachers
College)
Field of Specialization: Education
- Patricia Frundt Edmister, Columbus
B.S.Ed. (Miami University)
Field of Specialization: Education
- Josephine Luby Enright, Columbus
A.B. (Ohio Dominican College)
Field of Specialization: Education
- Mary Ruth Chenoweth Erhardt,
Mt. Sterling
B.S. in Edu., B.S. in Occ. Ther.
Field of Specialization: Education
- Kendra Henry Ettenhofer, Jackson
B.A.
Field of Specialization: Romance
Languages
- John Charles Farnsworth, Bozeman,
Mont.
B.A. (Walla Walla College)
Field of Specialization: Sociology
- Linda L. Ferrill, Tulsa, Okla.
B.A. (University of Colorado)
Field of Specialization: Education
- Eve Prout Fetzek, Columbus
B.A.
Field of Specialization: English
(TESOL)
- Roland Edward Fisch, Grove City
B.A.
Field of Specialization: Anthropology
- Gertrud Maria Stich Fischer,
Worthington
Field of Specialization: Art
- Virginia Mae Fischer, Cincinnati
B.A. (Wittenberg University)
Field of Specialization: Education
- Linda Jay Flowers, Columbus
B.S. in Edu. (Miami University)
Field of Specialization: Education
- James Henry Flynn, III, Perrysburg
B.A.
Field of Specialization: Speech
- Carl Daniel Frantz, Columbus
B.S. in Educ. (Kansas State Teachers
College)
Field of Specialization: Political
Science
- Morris Frommer, New York, N. Y.
B.A.
Field of Specialization: History
- Patricia Sautter Fueston, Gahanna
B.S. in Educ. (Bowling Green State
University)
Field of Specialization: Education
- Suzanne Gage, Columbus
B.A. (University of Florida)
Field of Specialization: Psychology
- Willie Clayton Glover, Columbus
B.S.Ed. (Central State University)
Field of Specialization: Education
- Paul Milton Godwin, Hot Springs,
Ark.
B.A. (Arkansas Polytechnic College)
Field of Specialization: Music
- Jeffrey Booth Gore, Akron
B.S. in Edu.
Field of Specialization: Education
- Linda Foster Green, Columbus
B.A.
Field of Specialization: Sociology
- Dale Arthur Greiner, Scottville, Mich.
B.A. (Athenaeum of Ohio)
Field of Specialization: Philosophy
- Charles Bailey Hale, Delbarton,
W. Va.
B.S. (University of Kentucky)
Field of Specialization: Education
- Margie LeCureux Hale, Columbus
B.A. (Michigan State University)
Field of Specialization: Romance
Languages
- Carolyn Irwin Hall, Magnolia, Ark.
B.S.Ed. (Southern State College,
Magnolia, Arkansas)
Field of Specialization: Education
- John Wesley Hall, Pendleton, S. C.
A.B. (Morris College)
Field of Specialization: Education
- Hadia Habib Harb, Ain-Anoub,
Lebanon
B.A. (Beirut College for Women)
Field of Specialization: English
(TESOL)
- Emma Jean Goode Harrell, Houston,
Tex.
B.S. (Texas Southern University)
Field of Specialization: Education
- Carol Ellen Hazard, Columbus
B.S. in Edu.
Field of Specialization: Education
- David McConway Hazen, The Dalles,
Ore.
B.A. (University of Minnesota)
Field of Specialization: Art
- Judith Grossman Henle, Worthington
B.A. (University of Maryland)
Field of Specialization: Education
- Thomas Allan Hephner, Columbus
B.S. in B.A. (Kent State University);
B.S. in Edu.
Field of Specialization: Education
- Charles Jefferson Hicks, Jr., Columbus
B.S.Ed. (Central State University)
Field of Specialization: Education
- Thomas Paul Higgins, Flushing, N. Y.
B.S. (Michigan State University)
Field of Specialization: Education

- Kathleen Ann Switzer Hoeltzel, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education
- John Jeffrey Homans, Cleveland Heights
A.B. (Denison University)
Field of Specialization: Art
- Elinor Petaja Hossalla, Duluth, Minn.
B.A. (University of Minnesota)
Field of Specialization: Romance Languages
- Ann-Marie Huckaby, Cleveland
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Richard Joseph Huelsman, Columbus
B.S. (John Carroll University); S.T.L. (Bellarmine School of Theology)
Field of Specialization: Education
- John David Hymes, Jr. San Francisco, Calif.
B.A. (Fresno State College)
Field of Specialization: History
- Robertas Ann Jackson, Cleveland
B.S. (Tennessee Agricultural and Industrial State University)
Field of Specialization: Education
- Harry Joseph Jaffe, Memphis, Tenn.
B.A. (Memphis State University)
Field of Specialization: English (TESOL)
- Inga Lisa Johanson, Montville, N. J.
B.A. (Montclair State College)
Field of Specialization: History
- Gary Martin Keller, Prospect
B.S. in Edu.
Field of Specialization: Education
- Alice Elizabeth Kimbell, Toledo
B.S. in Edu.
Field of Specialization: Education
- Howard Dean King, Jr., Wooster
B.A. (College of Wooster)
Field of Specialization: Psychology
- George Alan Knight, Columbus
B.S. in Edu.
Field of Specialization: Education
- Martha Lee Knorre, Dayton
A.B. (Ohio University)
Field of Specialization: Romance Languages
- Marjorie Cullerne Koers, Vancouver, B.C., Canada
B. Mus. (University of British Columbia)
Field of Specialization: Music
- LaVern Everett Kohls, Fruita, Colo.
B.S. (Colorado State University)
Field of Specialization: Education
- Judith Linson Kramer, Westlake
B.A. (Ohio Wesleyan University)
Field of Specialization: Political Science
- Lynn Levine Kuhne, Columbus
B.S. (New York University)
Field of Specialization: Psychology
- Jane Louise Lackey, Chagrin Falls
B.S. in Med. Tech.
Field of Specialization: Education
- Raymond John Lagueux, Lewiston, Me.
A.B. (Providence College)
Field of Specialization: Romance Languages
- Susan Dallaire Lagueux, Lewiston, Me.
B.A. (Bates College)
Field of Specialization: Romance Languages
- Jean McKinney Lang, Columbus
B.S. (Mgt.) (Iowa State University)
Field of Specialization: Education
- Jane Elizabeth Langenes, Fargo, N. Dak.
Ph.B. (University of North Dakota)
Field of Specialization: Education
- Lloyd Richard Larcom, Troy
B.S.
Field of Specialization: Psychology
- Bruce Ian Larimer, Columbus
B.A.
Field of Specialization: History
- Raymond Edward Lavelle, Cleveland
A.B. (College of Saint Charles Borromeo)
Field of Specialization: Education
- Sylvia Vivash Lawrance, Jacksonville, Fla.
B.A. (Jacksonville University)
Field of Specialization: Education
- Norman Ingvar Lee, III, Worthington
B.S. (United States Air Force Academy)
Field of Specialization: History
- James Solomon Lewis, Columbus
B.S. (West Virginia State College)
Field of Specialization: Education
- Lynn Lopata Lewis, Worthington
A.B.Ed. (University of Michigan)
Field of Specialization: Journalism
- Nanci Starbuck Lewis, Mentor
B.A.
Field of Specialization: English
- Jack Norman Liles, Coloma, Mich.
B.M. (Western Michigan University)
Field of Specialization: Music
- Robert Andrew Lind, Leonardo, N. J.
B.S. (Seton Hall University)
Field of Specialization: Education
- Janet Renaud Liston, Columbus
B.A. (University of Iowa)
Field of Specialization: Psychology
- Chalsa Mary Loo, Honolulu, Hawaii
A.B. (University of California, Berkeley)
Field of Specialization: Psychology
- Arlene Behnke Louton, Youngstown
B.A.
Field of Specialization: English
- Joyce Elaine Lowy, Columbus
B.S. in Ed. (Miami University)
Field of Specialization: Education
- David Edward Loynachan, Cleveland
B.A. (Muskingum College)
Field of Specialization: Political Science
- Stanley David Lusher, Chillicothe
B.S. (Rio Grande College)
Field of Specialization: Education
- Stephen Frederick Marchuk, St. Paul, Minn.
B.A., M.Ed. (College of Saint Thomas)
Field of Specialization: Education
- Regina Robertson Marco, Columbus
B.S. in Edu.
Field of Specialization: Education
- Carol Doeck Martin, Hampton, N. H.
B.S. in Edu.
Field of Specialization: Education
- Augustus Alexander Mastri, Parma
B.S. in Edu.
Field of Specialization: Romance Languages
- Larry Dean Mattison, Arvada, Colo.
B.S. in Educ. (Kansas State Teachers College)
Field of Specialization: Education
- Cornelia Ethel May, Columbus
B.A. (Greenville College); A.M.L.S. (University of Michigan)
Field of Specialization: English
- Patrick Rush McDonald, Huntington, W. Va.
B.A. (Marshall University)
Field of Specialization: Speech
- Leo McGee, Columbus
B.A. (Phlander Smith College)
Field of Specialization: Education

Sister Mildred McGovern, Columbus
B.S. (Ed.) (Catherine Spalding
College)
Field of Specialization: Education

John Leland McManus, Cleveland
B.S.
Field of Specialization: Psychology

Rose Creasy McMills, Fairmont,
W. Va.
A.B. (Ohio University)
Field of Specialization: English

Patricia Shelby Merriman, Columbus
B.S. in Soc. Wel.
Field of Specialization: Sociology

Diane Kostal Metcalfe, Columbus
B.S.
Field of Specialization: Psychology

Edmund Charles Miller, III,
Commack, N. Y.
B.A. (C.W. Post College)
Field of Specialization: English

Linda Jean Miller, Cleveland
B.A. (Allegheny College)
Field of Specialization: German

David William Moore, San Jose, Calif.
B.S. (United States Military
Academy)
Field of Specialization: Political
Science

Nancy Huber Morcos, Dayton
B.A. (University of Dayton)
Field of Specialization: English

William B. Moreland, Costa Mesa,
Calif.
B.A. (University of California,
Irvine)
Field of Specialization: Political
Science

Constance Elaine Morgan, Kingston,
Jamaica
B.A. (Hons.) (McGill University)
Field of Specialization: Education

Virginia Ann Morhiser, Auburn, N. Y.
B.A. (Westminster College)
Field of Specialization: Education

Stephen Francis Morin, Amherst,
Mass.
B.A. (University of Massachusetts)
Field of Specialization: Psychology

Gerald J. Mulqueen, New York, N. Y.
B.S. (New York University); M.S.
(Columbia University)
Field of Specialization: Education

Roger Allen Murphy, Dublin
B.S. in Edu.
Field of Specialization: Physical
Education

John Edward Nahan, Columbus
B.A.
Field of Specialization: Political
Science

Andrew Robert Nameth, Bellaire
B.S. in Edu.
Field of Specialization: Physical
Education (Health Education)

Nancy Joan Napravnik, Monmouth
Junction, N. J.
B.S. (Pennsylvania State University)
Field of Specialization: Education

Kathryn Meissner Neeld, Worthington
B.A. (University of Massachusetts)
Field of Specialization: German

Janice Duncan Nelson, Medina
B.S. in Edu.
Field of Specialization: Education
Charles Emerald Nesbitt, Columbus
B.A. (Philander Smith College)
Field of Specialization: Education

Rolf Gunther Neumann, West
Hyattsville, Md.
B.A. (University of Maryland)
Field of Specialization: German

Tim Neustadt, Shaker Heights
B.A.
Field of Specialization: Classics

To-Thi Nguyen, Saigon, Vietnam
B.A.
Field of Specialization: Education

Derek James Noll, Youngstown
A.B. (Hiram College)
Field of Specialization: History
Edward Ronald Obreza, Barberton
B.S. in Educ. (Kent State University)
Field of Specialization: History

Daryl Edward Olson, Moorhead,
Minn.
B.A., B.S. (Moorhead State Teacher's
College)
Field of Specialization: Education

Thomas Justin Orr, Mansfield
B.A. (Greenville College)
Field of Specialization: English

Rheba W. Otey, Columbus
B.A. (Central State University)
Field of Specialization: English

Shirley Adams Palmer, Worthington
B.A.
Field of Specialization: Sociology

William Thurman Partin, Jr.,
Scotland Neck, N. C.
A.B. (Guilford College)
Field of Specialization: History

Lucetta Joan Pecano, New Castle, Pa.
B.S. in Ed. (Indiana University of
Pennsylvania)
Field of Specialization: Romance
Languages

Nancy Reichard Perry, Worthington
B.S. in Nurs.
Field of Specialization: Psychology

Charlotte Huddle Persinger, Columbus
B.S. (Olivet Nazarene College)
Field of Specialization: Education

Ralph Eugene Philibin, Youngstown
B.S. in Edu.
Field of Specialization: Education

Donald Lloyd Pierce, Columbus,
B.S.Ed. (Ohio University)
Field of Specialization: Education

Frank McAdam Pierson, Wilmington,
Del.
B.A. (University of Washington)
Field of Specialization: Physical
Education

Marilyn J. Wynn Pilmer, Columbus
B.S. (University of California, Los
Angeles)
Field of Specialization: Philosophy

Rita Barbara Pokol, Lorain
B.S. in Edu.
Field of Specialization: Education

Dianne Marie Pollitt, Bedford Heights
A.B. (Ohio University)
Field of Specialization: English

Sharon Mae Pontius, Ashville
B.S. in Edu.
Field of Specialization: Education

Karen Kurtz Powell, Toledo
A.B. (Ohio University)
Field of Specialization: English

Robert Gilliland Powell, Portsmouth
B.S. in Edu.
Field of Specialization: Education

Roger Franklin Pry, Crestline
B.S. in Edu.
Field of Specialization: Education

Lowell Eugene Rarick, South Bend,
Ind.
B.S.Ed. (Ball State University)
Field of Specialization: Education

Rex Walter Reece, Brasstown, N. C.
B.A. (Mars Hill College)
Field of Specialization: Education

Martin Walter Rehmer, New
Knoxville
B.S. in Agr.
Field of Specialization: Agricultural
Education

- Eileen Berger Reines, Lorain
B.S. in Edu.
Field of Specialization: Education
- Barbara Jean Richburg, Luverne, Ala.
B.S.Sec.Ed. (Tuskegee Institute)
Field of Specialization: Education
- Sandra Ann Sapatka, Parma
B.S. (Concordia Teachers' College)
Field of Specialization: Education
- Elinor Agnes Scheirer, Bethlehem, Pa.
B.A. (Chatham College)
Field of Specialization: Education
- Barbara Maria Schnuttgen, Youngstown
A.B. (Youngstown University)
Field of Specialization: German
- Dennis Charles Schultz, Glencoe, Minn.
B.S. (Mankato State College)
Field of Specialization: Education
- Herbert Amos Scott, Tulsa, Okla.
A.B. (University of California, Los Angeles)
Field of Specialization: Political Science
- Leo Michael Sendelbach, Tiffin
B.S. in Ed. (Bowling Green State University)
Field of Specialization: Education
- Harry Nathan Seymour, Columbus
A.B. Bus. Adm. (Howard University)
Field of Specialization: Speech
- Thekla Reese Shackelford, Columbus
A.B. (Denison University)
Field of Specialization: Education
- James Nicholas Shea, Providence, R. I.
B.S. in B.A. (Bryant College)
Field of Specialization: Education
- Constance Cullom Sikarskie, San Manuel, Ariz.
B.A. (University of Arizona)
Field of Specialization: Slavic Languages
- Jeffrey Neil Simon, Cleveland
B.S. in Edu.
Field of Specialization: Speech
- Nancy Conley Sizemore, Columbus
B.S. in Ed. (Geneva College)
Field of Specialization: Education
- Larry Lee Slonaker, Worthington
B.S. in Edu.
Field of Specialization: Speech
- Diane Bunch Smith, Ponca City, Okla.
B.A. (University of Oklahoma)
Field of Specialization: Romance Languages
- Elisabeth Alicyn Smith, Bay Village
B.S.
Field of Specialization: Psychology
- Lester Sanford Smith, Columbus
A.B. (Olivet College)
Field of Specialization: Education
- Marsha Kindall Smith, Cleveland
Mus.B. (Oberlin College)
Field of Specialization: Music
- Albert Graeme Snedden, Sandusky
A.B. (University of Michigan)
Field of Specialization: German
- Robin Shook Somers, Nashport
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Josh William Stailey, Columbus
B.A.
Field of Specialization: Journalism
- Claude Mason Steele, Park Forest, Ill.
A.B. (Hiram College)
Field of Specialization: Psychology
- Martha Keyser Stephens, Springfield
B.A. (Muskingum College)
Field of Specialization: Education
- Gordon Lynn Sweers, Grand Rapids, Mich.
A.B.Ed. (Calvin College)
Field of Specialization: Education
- Russell Willis Swope, Columbus
B.S. in Edu.
Field of Specialization: Education
- Judith Ann Tanis, Hudsonville, Mich.
A.B. (Hope College)
Field of Specialization: English
- Larry Eugene Todd, Worthington
B.S. in Ed. (Bowling Green State University)
Field of Specialization: History
- Alice Mae Tucker, Ardmore, Pa.
B.S.Mus.Ed. (West Chester State College)
Field of Specialization: Education
- Regina Marie Tully, Hamden, Conn.
B.A. (Albertus Magnus College)
Field of Specialization: German
- Terilyn Carol Turner, Ft. Lauderdale, Fla.
B.S. in Edu.
Field of Specialization: Education
- Virginia Buker Uhl, Mansfield
B.S. in Edu.
Field of Specialization: Education
- Thomas Earl Valentine, Detroit, Mich.
A.B. (Wayne State University);
A.M. (University of Michigan)
Field of Specialization: Education
- Larry Eugene Vanasdale, Plymouth
B.S. in Edu.
Field of Specialization: Education
- Christine Clare Vasas, Cleveland
B.A. (Cleveland State University)
Field of Specialization: Sociology
- Barbara Eidelman Wachs, Columbus
B.S. in Ed. (City College of New York)
Field of Specialization: Education
- James Jefferson Walls, Columbus
B.S. in Bus. Adm., B.S. in Edu.
Field of Specialization: Education
- Ming-Mei Wang, Tainan, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Psychology
- Susan Frances Ward, Columbus
B.A. (Saint Louis University)
Field of Specialization: Sociology
- Diana Joan Leslie Warren, Columbus
B.A., M.A. (University of Oxford)
Field of Specialization: Romance Languages
- Ralph Edward Weber, Lakewood
B.A.
Field of Specialization: Slavic Languages
- Sharon Kay Weber, Columbus
B.S. in Edu.
Field of Specialization: Physical Education
- Suzanne Mary Weiss, Glenbeulah, Wis.
B.A. (Viterbo College)
Field of Specialization: Education
- Jack Meredith Weller, Mt. Gilead
B.A.
Field of Specialization: Sociology
- Rebecca Rose Wenske, Manchester, Ia.
B.S. in Educ. (Capital University)
Field of Specialization: History
- Thelma Dennis White, Gahanna
B.S. in Edu.
Field of Specialization: Psychology
- Nancee Beth Williamson, Riverside, Conn.
B.S.Sec.Ed. (West Virginia University)
Field of Specialization: Education
- Terry Lee Wilson, Columbus
B.A. (Olivet Nazarene College)
Field of Specialization: Education
- Penelope Carol Winters, Columbus
B.A. (College of Wooster)
Field of Specialization: Education

Frances Babcock Wolverton, Columbus
B.S.
Field of Specialization: Sociology

Philip Ting-Hua Wu, Toronto, Ont., Canada
B.A. (York University)
Field of Specialization: Political Science

Janet King Wyatt, Westerville
A.B. (Boston University)
Field of Specialization: Psychology

Peter Garrett Yackel, Springfield
A.B., M. of Edu. (Wittenberg University)
Field of Specialization: History

Karen Lynn Zikaris, New York, N. Y.
A.B. (Hunter College)
Field of Specialization: Physical Education

Sheila Rudd Zubkoff, Columbus
B.A. (New York State University at Buffalo)
Field of Specialization: Education

Master of Business Administration

Twenty-three candidates

Gary Michael Allen, Columbus
B.M.E.
Field of Specialization: Business Organization

Peter Harry Brailey, Akron
B.S. (Purdue University)
Field of Specialization: Business Organization

Raymond Richard Casey, Jackson
B.S. in Agr.
Field of Specialization: Business Organization

John Paul Connelly, Elmira, N. Y.
B.I.E.
Field of Specialization: Business Organization

Bruce Alan Cottom, New Hartford, N. Y.
B.C.E.
Field of Specialization: Business Organization

James Neal Doyle, South Vienna
B.Agr.E.
Field of Specialization: Business Organization

John Brian Fields, Marion
B.S.
Field of Specialization: Business Organization

George Edward Glasgow, Nashville, Tenn.
B.S.M.E. (University of Notre Dame)
Field of Specialization: Business Organization

Robert Watson Gongaware, Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Business Organization

George Grubic, Reno, Nev.
A.B. (Syracuse University)
Field of Specialization: Business Organization

Denis Francis Healy, Columbus
B.S. (Massachusetts Institute of Technology)
Field of Specialization: Business Organization

Kenneth Martin Knudsen, Pittsburgh, Pa.
B.S. in Bus. Adm.
Field of Specialization: Business Organization

William Hall McCue, Jr., Cuyahoga Falls
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Mebrate Mengistu, Addis Ababa, Ethiopia
B.S. in Bus. Adm.
Field of Specialization: Business Organization

Dale Edward Moline, Kettering
B.S.Ch.E. (Purdue University)
Field of Specialization: Business Organization

Douglas Rutherford Murray, Birmingham, Mich.
B.S. (Ind.Mgt.) (Carnegie Institute of Technology)
Field of Specialization: Business Organization

David Marian Noe, Murfreesboro, Tenn.
B.S. (Bus.) (University of Colorado)
Field of Specialization: Business Organization

John Jerome O'Leary, Columbus
B.S. (United States Naval Academy)
Field of Specialization: Business Organization

Stuart Nelson Parsons, Johnstown
B.S. in Bus. Adm.
Field of Specialization: Business Organization

George Herman Seifert, Toledo
B.S. in Bus. Adm.
Field of Specialization: Business Organization

William Lee Tinapple, Columbus
B.M.E.
Field of Specialization: Business Organization

Albert Allen Ware, Cleveland
B.W.E., M.S.
Field of Specialization: Business Organization

John Lionel Williamson, Bluefield, W. Va.
B.A. (Bluefield State College)
Field of Specialization: Business Organization

Master of City Planning

Seven candidates

Mary Elizabeth Brooks, Stillwater, Okla.
B.A. (Oklahoma State University)
Field of Specialization: City and Regional Planning

Dougal Martin Casey, Hempstead, N. Y.
B.A. (Catholic University of America)
Field of Specialization: City and Regional Planning

Stephen Larry Leeds, Rockville Centre, N. Y.
B.A. (Pennsylvania State University)
Field of Specialization: City and Regional Planning

David Manning Richards, Aliquippa, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: City and Regional Planning

Niles Craig Schoening, Louisville, Ky.
A.B. (Columbia University)
Field of Specialization: City and Regional Planning

John Adrian Straley, Immokalee, Fla.
B.A. (University of Chicago)
Field of Specialization: City and Regional Planning

Roy Chester Willey, Jr., St. Albans, W. Va.
B.A. (Clark University)
Field of Specialization: City and Regional Planning

Master of Education

One candidate

Charles William Besse, Columbus
B.S. in Educ. (Miami University)
Field of Specialization: Education

Master of Fine Arts

Five candidates

Abigail Agnew Adam, Columbus
B.A. (Florida State University)
Field of Specialization: Fine Arts
(Painting)

Karl Adolf Hofmann, East Lansing,
Mich.
B.A., M.A., M.A. (Michigan State
University)
Field of Specialization: Fine Arts
(Ceramics)

Bernard Edward Kummert, Bay City,
Mich.
A.B. (San Diego State College)
Field of Specialization: Fine Arts
(Painting)

Joanne Miller, Columbus
B.A. (Otterbein College)
Field of Specialization: Fine Arts
(Painting)

Rodger Harold Wood, Pittsburgh, Pa.
B.F.A. (Carnegie Institute of
Technology)
Field of Specialization: Fine Arts
(Ceramics)

Master of Music

Six candidates

Mary DeArmond Chapman, Rockford
B.S. in Edu.
Field of Specialization: Music

Paul Clark Dreisbach, Hiram
B.A. (Hiram College)
Field of Specialization: Music

Janet Smyser Fenholt, Columbus
B. of Music (Miami University)
Field of Specialization: Music

Esther Elaine Johnson, Thompson, Ia.
B.Music (College of Wooster)
Field of Specialization: Music

Dennis James O'Malley, Somersworth,
N. H.
B.S. (University of New Hampshire)
Field of Specialization: Music

Lyle Clark Wolfrom, Richmond, Ky.
B.M. (University of Kansas);
M.Mus. (Indiana University)
Field of Specialization: Music

Master of Science

One hundred and eighty-four candidates

Gerald Milton Abraham, Columbus
B.S. Mech. Engr. (University of
Akron)
Field of Specialization: Engineering
Mechanics

Alex Azar, Johnstown, Pa.
M.D. (University of Pittsburgh)
Field of Specialization: Preventive
Medicine

William Lawrence Babeaux, Gahanna
D.D.S. (University of Pittsburgh);
B.S. (College of William and Mary);
M.P.H. (University of North
Carolina)

Field of Specialization: Dentistry

Helen Agathi Badekas, Athens,
Greece
Field of Specialization: Dairy
Technology

*Richard Eugene Baker, Columbus
Field of Specialization: Mechanical
Engineering

Ross Edward Barta, Columbus
B.S. in Elec.Engr. (Wayne State
University)
Field of Specialization: Electrical
Engineering

Milton Arlo Barzee, Terretton, Ida.
B.S. (Utah State University)
Field of Specialization: Agronomy

Therese M. Beaudette, Minneapolis,
Minn.
B.S. (College of Saint Catherine)
Field of Specialization: Preventive
Medicine

Robert Gary Beidel, Oak Ridge, Tenn.
B.S.E.E. (University of Tennessee)
Field of Specialization: Electrical
Engineering

William Thomas Black, Columbus
Met.E. (University of Cincinnati)
Field of Specialization: Metallurgical
Engineering

Edward Dowe Blackburn,
Fredericktown
B.A. (Miami University)
Field of Specialization: Anatomy

Gerard Patrick Boe, Hialeah, Fla.
B.S. (West Virginia Wesleyan
College)
Field of Specialization: Pathology

Barbara Kaye Boles, Dayton
B.S. in Med. Diet.
Field of Specialization: Preventive
Medicine

Anthony Carmen Bonacci, Columbus
B.S. (New York State University at
Buffalo)
Field of Specialization: Pharmacy

Andrew Grant Borden, Jr.,
Hasbrouck Heights, N. J.,
B.S. (Fordham University); M.A.
(Kansas State Teachers College)
Field of Specialization: Mathematics

†Dana Lawrence Briggs, Woodsfield
Field of Specialization: Civil
Engineering

Bernard Joseph Brunner, Pittsburgh,
Pa.
B.S. (Wheeling College)
Field of Specialization: Physics

Rodney Charles Byler, Wooster
B.A.A.E.
Field of Specialization: Aeronautical
and Astronautical Engineering

Alexander Anthony Cardoni,
Buffalo, N. Y.
B.S. (New York State University at
Buffalo)
Field of Specialization: Pharmacy

Neil John Carscadden, St. Eleanors,
P.E.I., Canada
B.Sc. (Royal Military College)
Field of Specialization: Physics

Alfred Howard Carter, Grand Rapids,
Mich.
B.S. (Norwich University);
M.D. (Tufts University)
Field of Specialization: Psychiatry

David McKay Chisholm,
New Westminster, B.C., Canada
B.A., M.D. (University of
Saskatchewan)
Field of Specialization: Preventive
Medicine

Jerry Clayton Condren, Medina
B.S.E.E. (Case Western Reserve
University)
Field of Specialization: Electrical
Engineering

William Preston Cooper, Ft. Mitchell,
Ky.
B.S.E.E. (University of Cincinnati)
Field of Specialization: Electrical
Engineering

Arlene Marie Costa, Teaneck, N. J.
B.S. (Bowling Green State
University)
Field of Specialization: Microbiology

William Haldane Courage, Cos Cob,
Conn.
A.B. (Syracuse University)
Field of Specialization: Mathematics

Stephan Duane Crothers, Hamilton
B.S. (Purdue University)
Field of Specialization: Physiological
Chemistry

Robert Paul Dadik, Akron
B.S.E.E. (University of Akron)
Field of Specialization: Electrical
Engineering

* Also Bachelor of Mechanical Engineering,
College of Engineering.
† Also Bachelor of Civil Engineering, College
of Engineering

John Richard Daino, Syracuse, N. Y.
B.S.E.E. (Syracuse University)
Field of Specialization: Electrical Engineering

Ronald Eugene Davis, Worthington B.I.E.
Field of Specialization: Industrial Engineering

Michael Richard DeLuca, Bridgeport, Conn.
B.S. (University of Bridgeport)
Field of Specialization: Mechanical Engineering

Douglas Leon Denton, Davenport, Ia.
B.S.Chem. (Iowa State University)
Field of Specialization: Chemistry

John Henry Dilley, Jr., Lawton, Okla.
B.S. (United States Military Academy)
Field of Specialization: Industrial Engineering

Larry Robert Dolinsky, Swampscott, Mass.
B.S. Civil Engr. (Tufts University)
Field of Specialization: Mathematics

Sister Mary Severin Duehren, Portsmouth
B.S. (College of Saint Teresa)
Field of Specialization: Pathology

Sandra Kay Dusing, Pemberville
B.S. (Capital University)
Field of Specialization: Microbiology

Kian Bee Dy, Bacolod City, Philippines
B.S. (University of Santo Tomas)
Field of Specialization: Home Economics

Susan Porter Eaker, Columbus
B.S. in Edu.
Field of Specialization: Home Economics

Stephen Flanders Erickson, Columbus
B.S.C.E. (University of Toledo)
Field of Specialization: Civil Engineering

Arthur Hines Ervin, Dartmouth, N.S., Canada
D.D.S. (Dalhousie University)
Field of Specialization: Dentistry

John William Fahl, Dayton
B.S.E.E. (Iowa State University)
Field of Specialization: Electrical Engineering

James Edward Felix, Akron
D.D.S.
Field of Specialization: Dentistry

William Edward Ferguson, Ashtabula
B.Ch.E.
Field of Specialization: Chemical Engineering

Robert Elvin Fluharty, Weirton, W. Va.
B.I.E. (Auburn University)
Field of Specialization: Industrial Engineering

James Henry Foster, South Charleston
B.S. in Agr.
Field of Specialization: Animal Science

Jerry James Foster, Columbus
B.S., M.D.
Field of Specialization: Pediatrics

Duane Glen Fox, Columbus
B.E.E.
Field of Specialization: Electrical Engineering

Edward Thomas Frank, Columbus
D.D.S.
Field of Specialization: Dentistry

David George Furth, Shaker Heights
B.A. (Miami University)
Field of Specialization: Entomology

Gary William Gilbert, Clyde
B.Agr.E.
Field of Specialization: Agricultural Engineering

Shashikala Anand Gogate, Bhopal, India
M.B.B.S. (M.G.M. Medical College)
Field of Specialization: Pathology

Judith Klein Gotkis, Bedford Heights
B.A. (Connecticut College);
B.S. in Edu.
Field of Specialization: Chemistry

John Anthony Grande, Edison, N. J.
B.S. (Delaware Valley College)
Field of Specialization: Horticulture

Pamela Hill Griffith, Muncie, Ind.
B.A. (College of Wooster)
Field of Specialization: Microbiology

Jack Carl Grosskopf, Columbus
B.S. in Dairy Tech.
Field of Specialization: Dairy Technology

Donald Jon Hackman, Columbus
B.M.E. (Cleveland State University)
Field of Specialization: Mechanical Engineering

Douglas Galloway Hall, Hyattsville, Md.
B.S.Aero.Engr. (University of Maryland)
Field of Specialization: Aeronautical and Astronautical Engineering

Timothy Conrad Hall, Columbus
D.D.S.
Field of Specialization: Dentistry

Sister Stella Maris Hardjanti, Buffalo, N. Y.
B.A. (Teacher Training Institute, Indonesia)
Field of Specialization: Home Economics

Leo Sahag Harootyan, Jr., Dayton
B.S. in Ch.E. (University of Massachusetts)
Field of Specialization: Industrial Engineering

Humphrey King Hastings, Jr., Dayton
B.S. (University of Arizona)
Field of Specialization: Pathology

Arnold Hecht, Miami Beach, Fla.
D.D.S. (University of Maryland)
Field of Specialization: Dentistry

Karen Ann Heffelfinger, Athens
B.S. (Ohio University)
Field of Specialization: Zoology

Harry Herman Heimple, San Jose, Calif.
B.S. (Stanford University)
Field of Specialization: Astronomy

Thomas Charles Hepner, Shamokin, Pa.
B.S. (United States Air Force Academy)
Field of Specialization: Astronomy

Freya Friederike Hermann, Corvallis, Ore.
B.S. (Oregon State University)
Field of Specialization: Pharmacy

Carol Anne Hickey, Portland, Ore.
B.S. (Iowa State University)
Field of Specialization: Preventive Medicine

Glen Frederick Hoffsis, Bucyrus
B.S. in Agr., D.V.M.
Field of Specialization: Veterinary Medicine

Clark David Hollis, Mt. Vernon
B.S. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Wayne Franklin Hootman, Hicksville
D.D.S.
Field of Specialization: Dentistry

Edward Arthur Hoover, Champaign, Ill.
B.S.Vet.Med., D.V.M. (University of Illinois)
Field of Specialization: Veterinary Pathology

Tsau-Yuen Huang, Kaohsiung,
Taiwan
B.Med. (Kaohsiung Medical College)
Field of Specialization: Pathology

Dennis Michael Huey, Massillon
A.B. (Wittenberg University)
Field of Specialization: Zoology

Ralph Leslie Humphrey, Columbus
B.S.M.E. (Lehigh University)
*Field of Specialization: Mechanical
Engineering*

Kou-Mau Hwang, Kaohsiung, Taiwan
B.S. in Pharm. (Kaohsiung Medical
College)
Field of Specialization: Pharmacy

Nasruddin Ilias, Palembang,
Indonesia
Field of Specialization: Horticulture

Paul Daniel Jachimiak, Lima
B.Chem.E. (University of Detroit)
*Field of Specialization: Chemical
Engineering*

Janice Sylvia Jackson, South Hero, Vt.
B.S. in Home Ec. (University of
Vermont)
*Field of Specialization: Home
Economics*

James Carlton Jenkins,
Richmond Heights
B.S. in Agr.
*Field of Specialization: Agricultural
Education*

Karen Ann Jennings, Westerville
B.S. (University of Wisconsin)
Field of Specialization: Zoology

Joseph C. Johnson, West Milton
M.E. (University of Cincinnati)
*Field of Specialization: Mechanical
Engineering*

Philip Taylor Johnson, Columbus
D.V.M.
*Field of Specialization: Veterinary
Medicine*

Charles Daniel Kennedy, Columbus
B.S.
Field of Specialization: Physics

Donald Christian Kentner, Columbus
D.V.M.
*Field of Specialization: Veterinary
Medicine*

Herbert Warren Kimble,
West Carrollton
B.S.E.E. (Purdue University)
*Field of Specialization: Industrial
Engineering*

Gary Joseph Kimmel, Delphos
B.M.E.
*Field of Specialization: Mechanical
Engineering*

Gary Leo Kinzel, Bremen
B.M.E.
*Field of Specialization: Mechanical
Engineering*

David Brainard Kirby, Jr.,
Harrisburg, Pa.
A.B. (University of Pennsylvania);
D.D.S. (University of Maryland)
Field of Specialization: Dentistry

Howard Charles Knachel, Cleveland
B.S. (University of Dayton)
Field of Specialization: Chemistry

*Daniel Paul Koscinski,
Garfield Heights
*Field of Specialization: Engineering
Mechanics*

Gary Melvin Kubin, Miami, Fla.
B.S. (Cleveland State University)
Field of Specialization: Mathematics

Linton Luther Kulak, Edmonton,
Alta., Canada
B.Sc., M.D. (University of Alberta)
*Field of Specialization: Preventive
Medicine*

Daniel Bernard Lammers, Leipsic
B.S. in Med.Tech. (University of
Dayton)
Field of Specialization: Pathology

Bertrand Clovis Landry, Columbus
B.S.
*Field of Specialization: Computer and
Information Science*

Benjamin Daniel Laubacher, III,
Oxnard, Calif.
B.S. (University of Santa Clara)
Field of Specialization: Physics

Maynard Dauswell Lay, Granville
B.S.E.E. (University of Kentucky)
*Field of Specialization: Electrical
Engineering*

Thomas Robert Lehnert, Columbus
B.S. in E.E. (Newark College of
Engineering)
*Field of Specialization: Electrical
Engineering*

Geoffrey Lynn Leister, Newark
B.S.
Field of Specialization: Botany

Ronald Raymond Lentz, Columbus
B.E.E.
*Field of Specialization: Electrical
Engineering*

John Henry Lenz, Orient
B.S. in E.E. (Indiana Institute of
Technology)
*Field of Specialization: Electrical
Engineering*

Leo Philip Leonelli, Palos Verdes
Peninsula, Calif.
B.S. (University of Portland);
M.D. (Creighton University)
*Field of Specialization: Preventive
Medicine*

Clifford Cleveland Linton, Jr.,
North Olmsted
B.S. (Cleveland State University)
Field of Specialization: Mathematics

Terry James Logan, Kingshill, V. I.
B.S. (California State Polytechnic
College)
Field of Specialization: Agronomy

David Harlan Mace, Cincinnati
B.S. (United States Military
Academy)
*Field of Specialization: Geodetic
Science*

Donald Lee Mahood, Columbus
B.S. in E.E. (Newark College of
Engineering)
*Field of Specialization: Electrical
Engineering*

**Nelson William Marshall, Dayton
Field of Specialization: Physics

***John Lester Martin, Navarre
*Field of Specialization: Ceramic
Engineering*

Gary Rae Maxwell, Long Beach, Calif.
D.M.D. (University of Oregon)
Field of Specialization: Dentistry

Patricia Gregg May, Columbus
B.S., M.D.
Field of Specialization: Psychiatry

Frederick Bedford McCashin,
Pluckemin, N. J.
B.A. (Amherst College); V.M.D.
(University of Pennsylvania)
*Field of Specialization: Veterinary
Surgery and Radiology*

John Albert McClelland, Nokomis,
Fla.
B.S. (Florida State University)
Field of Specialization: Physics

***Michael Edward McConnell,
Gahanna
*Field of Specialization: Ceramic
Engineering*

* Also Bachelor of Mechanical Engineering,
College of Engineering

** Also Bachelor of Science in Physics,
College of Engineering

*** Also Bachelor of Ceramic Engineering,
College of Engineering

Richard Allen McGinnis, Tiffin
B.M.E.
Field of Specialization: Mechanical Engineering

Donald Neil McMartin, Madelia, Minn.
B.S., D.V.M. (University of Minnesota)
Field of Specialization: Veterinary Pathology

†Ronald Arthur Meier, Perrysburg
Field of Specialization: Agricultural Economics and Rural Sociology

David Meltzer, Poughkeepsie, N. Y.
B.E.E. (Rensselaer Polytechnic Institute)
Field of Specialization: Electrical Engineering

Wallace Henry Memmer, Pickerington
B.S.E.E. (University of Akron)
Field of Specialization: Electrical Engineering

Ellen Servicky Molinski, Columbus
B.S. (Michigan State University)
Field of Specialization: Home Economics

Franziska Eleanor Noring, Pine Plains, N. Y.
B.S. in Educ. (State University College, Oneonta, New York)
Field of Specialization: Home Economics

Fernando Emilio Olguin-Romero, Mexico City, Mexico
D.V.M. (National University of Mexico)
Field of Specialization: Veterinary Medicine

Richard Allan Orriss, Mountain Lakes, N. J.
B.S.E. (Princeton University)
Field of Specialization: Electrical Engineering

Katherine Louise Percy, Twinsburg
B.S.
Field of Specialization: Microbiology

Eswaral Gopaladas Phadia, Hyderabad, India
B.A. (Osmania University);
M.A. (Karnatak University)
Field of Specialization: Mathematics

Gosta Georg Poldemann, Summitville
B.E. (Youngstown University)
Field of Specialization: Electrical Engineering

James Joseph Powers, Ashley
B.S. (University of Notre Dame);
M.D.
Field of Specialization: Physical Medicine

Richard Halford Pritchard, Ware Shoals, S. C.
B.S. (Duke University)
Field of Specialization: Chemistry

Alan Toby Radnor, Shaker Heights
B.A. (Kenyon College)
Field of Specialization: Anatomy

Zarina Anwar Rasheeduddin, Omaha, Nebr.
M.B.B.S. (University of Karachi)
Field of Specialization: Medicine

Randall Robert Reiter, New Lenox, Ill.
B.A. (University of Iowa)
Field of Specialization: Computer and Information Science

John Jacob Rheinfrank, III, Columbus
B.I.E.
Field of Specialization: Industrial Engineering

Joseph Earl Rinehart, Waldo
D.V.M.
Field of Specialization: Veterinary Preventive Medicine

Robert John Robbins, Columbus
B.E.E.
Field of Specialization: Electrical Engineering

Nancy Jean Robson, East Liberty
B.S. in Med.Diet.
Field of Specialization: Preventive Medicine

Gary Gene Rogers, Miamisburg
B.S. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Roger Lee Rose, Reynoldsburg
B.S. in E.E. (University of Akron)
Field of Specialization: Industrial Engineering

Harry Rozmiarek, Pulaski, Wis.
B.S., D.V.M. (University of Minnesota)
Field of Specialization: Veterinary Medicine

David Jeffrey Russell, Xenia
B.M.E.
Field of Specialization: Mechanical Engineering

Kulbir Sabharwal, Kurukshetra, India
B.Sc., M.Sc. (Punjab Agricultural University)
Field of Specialization: Dairy Technology

Richard Salvador, Columbus
B.S. (Oviedo University, Spain); M.S. (Rensselaer Polytechnic Institute)
Field of Specialization: Computer and Information Science

Edgar Enrique Sanchez-Molina, Bogota, Colombia
Ing. Civil (Universidad de la Gran Colombia)
Field of Specialization: Civil Engineering

Carl Nelson Schaufele, South Hamilton, Mass.
A.B. (Wheaton College)
Field of Specialization: Physics

Henry Erven Schmitt, Canby, Ore.
B.S. (Oregon State University)
Field of Specialization: Agricultural Education

Thomas Michael Seed, Glen Rock, N. J.
B.A. (University of Connecticut)
Field of Specialization: Microbiology

Maurice Eugene Sellers, Delaware
B.S. in A.S. (Kent State University)
Field of Specialization: Pathology

Allen Rae Shade, Columbus
B.A. (Ohio Wesleyan University);
M.D.
Field of Specialization: Obstetrics and Gynecology

*Don Delbert Sharp, Jr., Amanda
Field of Specialization: Agricultural Education

James Howard Shogog, Cincinnati
B.S. (Central State University)
Field of Specialization: Zoology

Ming Shih, Taipei, Taiwan
B.M. Dentistry (National Taiwan University)
Field of Specialization: Dentistry

Daniel Ray Shirey, Columbus
B.Met.E., J.D.
Field of Specialization: Metallurgical Engineering

Lanny Dale Sims, Zanesville
B.S.E.E. (Ohio University)
Field of Specialization: Electrical Engineering

Richard Harold Sines, Columbus
B.A. (Miami University)
Field of Specialization: Mathematics

Douglas Edwin Smith, Akron
B.Ch.E.
Field of Specialization: Chemical Engineering

Brian Richard Smyth, Mansfield
B.S.
Field of Specialization: Computer and Information Science

† Also Bachelor of Science in Agriculture,
College of Agriculture and Home Economics
* Also Bachelor of Science in Agriculture,
College of Agriculture and Home Economics

Gloria Amelia Sola, Bethesda, Md.
B.S. (University of Kentucky)
Field of Specialization: Animal Science

Narong Sopak, Samudsongkram, Thailand
B.Sc. (Kasetsart University)
Field of Specialization: Civil Engineering

John William Spence, Dayton
B.S. (Virginia Military Institute)
Field of Specialization: Chemistry

Patricia M. Stanaszek, Chicago, Ill.
B.S. (Eastern Illinois University)
Field of Specialization: Pathology

Reinhardt Edward Steger, Mansfield B.Cer.E.
Field of Specialization: Ceramic Engineering

David William Stevens, Cincinnati B.S.
Field of Specialization: Computer and Information Science

Richard Clyde Stevens, Columbus B.E.E.
Field of Specialization: Electrical Engineering

Frances Virginia Stohl, Forest Hills, N. Y.
B.A. (Queens College)
Field of Specialization: Mineralogy

Robert Jerome Stoll, Jr., Sandusky B.S. in Agr.
Field of Specialization: Zoology

Grosvenor Cook Story, III, Lowell B.M.E.
Field of Specialization: Mechanical Engineering

Richard Tavtigian, Toledo B.S. (University of Toledo); D.D.S.
Field of Specialization: Dentistry

Sandra Snyder Thatcher, Columbus B.S.H.Ec. (Ohio University)
Field of Specialization: Home Economics

William Harry Tobias, Dayton B.S. (University of Dayton)
Field of Specialization: Mathematics

Michael Lawrence Ulrey, Mt. Vernon B.A. (Kenyon College)
Field of Specialization: Mathematics

Donald Michael Wachsberger, Columbus B.S. (Purdue University)
Field of Specialization: Computer and Information Science

Connie Ruth Warren, Cleveland B.S.
Field of Specialization: Computer and Information Science

Leland Earl Watkins, Groveport B.S. in Agr.
Field of Specialization: Animal Science

Alberta Kathryn Weingart, Dayton B.S. in Nurs. (Loyola University); B.S. in Edu.
Field of Specialization: Anatomy

Larry Lee Wiese, Columbus B.S. (University of California, Los Angeles)
Field of Specialization: Physics

John Fredric Wilker, Cleveland B.S. in Met. Engr. (Purdue University)
Field of Specialization: Metallurgical Engineering

John Howard Williams, Worthington A.B. (Earlham College); M.D. (Indiana University)
Field of Specialization: Pathology

Robert William Wolf, Jr., Cincinnati B.S.E.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering

Philip Kent Wood, Worthington B.A., M.D.
Field of Specialization: Physical Medicine

John Walter Woods, Harrisville A.B. (Marietta College); M.D.
Field of Specialization: Surgery

Kathryn Suzanne Wright, Milford B.S. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Andrea Anne Zachary, Brecksville B.S.
Field of Specialization: Microbiology

Gerald William Zimmerman, Indianapolis, Ind. B.S. (Capital University)
Field of Specialization: Physiology

Albert Franklin Zirkle, Herndon, Va. B.S. (Virginia Polytechnic Institute)
Field of Specialization: Electrical Engineering

Roy Charles Zolnoski, Columbus B.S. (E.E.) (Polytechnic Institute of Brooklyn)
Field of Specialization: Electrical Engineering

Edwin Eugene Zorn, Hamilton B.S. in Agr.
Field of Specialization: Animal Science

Channing Moore Zucker, Lansdowne, Pa.
A.B. (Bowdoin College)
Field of Specialization: Geodetic Science

Master of Social Work

Seventy-two candidates

Anne Douglass Belt, Maumee B.A. (University of Pennsylvania)
Field of Specialization: Social Work

Michael Stephen Bennett, Elyria B.S. in Soc. Wel.
Field of Specialization: Social Work

Frances Wagenhals Bradford, Columbus B.A.
Field of Specialization: Social Work

Dorothy Mueller Braun, Cincinnati B.A. (University of Cincinnati)
Field of Specialization: Social Work

Edward Francis Carter, Bedford B.A. (Kent State University)
Field of Specialization: Social Work

Robert Lee Chapman, Columbus B.S. in Soc. Wel.
Field of Specialization: Social Work

Gloria Bond Cooper, Gates Mills B.S. in Soc. Adm.
Field of Specialization: Social Work

Anne Elizabeth Croskey, Miamisburg B.A. (Otterbein College)
Field of Specialization: Social Work

Marguerite Bates Crum, Cincinnati B.S.G.S. (University of Cincinnati)
Field of Specialization: Social Work

Alan Seth Engel, Youngstown B.S. in Soc. Wel.
Field of Specialization: Social Work

Edwin Joseph Faessler, Norwood A.B. (University of Cincinnati)
Field of Specialization: Social Work

Evelyn Botts Farmer, Youngstown B.A. (Central State University)
Field of Specialization: Social Work

Goldie Kramer Fisher, Columbus A.B. (Brooklyn College)
Field of Specialization: Social Work

Franz Frederick Fitzer, Portsmouth A.B. (Capital University)
Field of Specialization: Social Work

Laural Sharp Flanagan, Columbus
B.S. (Louisiana State University)
Field of Specialization: Social Work

Ann Blitzstein Folb, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Harold Oliver Frontz, Cambridge
B.S. (Muskingum College)
Field of Specialization: Social Work

Whai-Ming Fu, Taipei, Taiwan
B.A. (National Taiwan University)
Field of Specialization: Social Work

Elizabeth Robinson Gaidry, Loveland
B.A. (Maryville College)
Field of Specialization: Social Work

Richard George Gebhardt, Columbus
B.S. in Educ. (University of Akron)
Field of Specialization: Social Work

Roslynn Schiffman Golden, Cincinnati
A.B. (Brooklyn College)
Field of Specialization: Social Work

Margaret Matesich Gruenke, Newark
B.A. (Albertus Magnus College)
Field of Specialization: Social Work

Charles Henry Hoag, Alliance
B.S. in M.E. (Case Western Reserve
University)
Field of Specialization: Social Work

Robert James Hudson, Fairborn
B.A. in Gen. Ed. (Municipal
University of Omaha)
Field of Specialization: Social Work

Thomas Robert Israel, Ada
B.S.Ed. (Ohio Northern University)
Field of Specialization: Social Work

Jane Susan Jacobs, Granville
B.A. (University of Pennsylvania)
Field of Specialization: Social Work

Eloise Forker Jenks, Columbus
A.B. (Grove City College)
Field of Specialization: Social Work

Thomas Michael Jenks, Columbus
A.B. (John Carroll University)
Field of Specialization: Social Work

Sylvia Williams Johnson,
Williamsport
B.A. (College of Wooster)
Field of Specialization: Social Work

Kathryn Michiyo Kato, Portland, Ore.
B.A. (Willamette University)
Field of Specialization: Social Work

Roman Joseph Kehres, Tiro
A.B. (Pontifical College Josephinum)
Field of Specialization: Social Work

Leah Herbert Kirkpatrick, Columbus
B.A. (Florida Southern College)
Field of Specialization: Social Work

Mary Battrell Lorimer, Columbus
B.S. in Soc. Wel.
Field of Specialization: Social Work

Elena Virginia Macias, Sacramento,
Calif.
B.A. (Sacramento State College)
Field of Specialization: Social Work

Gene Autry Mason, Wichita, Kan.
B.Sc. in Educ. (Lincoln University)
Field of Specialization: Social Work

Jon Ralph McEntyre, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Nancy Fox McIntyre, Columbus
B.S. in Soc. Wel.
Field of Specialization: Social Work

Mary Louise Millarve, Hollywood, Fla.
B.A.
Field of Specialization: Social Work

Charlene Catherine Miller, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

James Leonard Miller, Parkersburg,
W. Va.
B.A. (West Virginia Wesleyan
College)
Field of Specialization: Social Work

Larry Neal Miller, Grayson, Ky.
A.B. (Morehead State College)
Field of Specialization: Social Work

Jenny Garner Millsaps, Cincinnati
B.A. (University of North Carolina)
Field of Specialization: Social Work

Joseph Calvin Moreland, Shaker
Heights
A.B. (Gettysburg College) ; B.A.
(Lutheran Theological Seminary)
Field of Specialization: Social Work

Frances Purcell Morris, Columbus
B.A. (Virginia State College)
Field of Specialization: Social Work

Walter Allan Packer, Mt. Sterling
B.A.
Field of Specialization: Social Work

Andrew David Packman, Cincinnati
A.B. (University of Pennsylvania) ;
B.H.L., M.A. (Hebrew Union College)
Field of Specialization: Social Work

Joan Elaine Petersen, Trumbull, Conn.
B.A. (University of Wisconsin)
Field of Specialization: Social Work

Catherine Bernhard Raymond,
Chatham, N. J.
B.A. (University of Delaware)
Field of Specialization: Social Work

Mary Katherine Stanton Reynolds,
Canton
A.B. (Ohio University)
Field of Specialization: Social Work

Roger Rice, Jackson
B.S. in Sec. Edu. (Rio Grande
College)
Field of Specialization: Social Work

Robert Dennis Riesenbergh, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Mary Angela Scerbo, Cincinnati
A.B. (Berea College)
Field of Specialization: Social Work

James Robert Schefe, Bethel Park, Pa.
A.B. (Pontifical College Josephinum)
Field of Specialization: Social Work

Cheryl Kubik Shearer, Toledo
B.A. (Lindenwood College)
Field of Specialization: Social Work

Carolyn Rayner Short, Columbus
B.A. (University of Massachusetts)
Field of Specialization: Social Work

Michael Carl Short, Columbus
B.S. (Georgetown College)
Field of Specialization: Social Work

Arthur Foster Slater, Cincinnati
B.A. (Wiley College)
Field of Specialization: Social Work

Carmanella L. Smith, Alapaha, Ga.
B.A. (Fort Valley State College)
Field of Specialization: Social Work

Myra Parrish Smith, Madison
Heights, Va.
B.A. (Virginia Union University)
Field of Specialization: Social Work

Geoffrey Pace Steele, Columbus
B.A.
Field of Specialization: Social Work

Audra Keener Stekli, Dayton
B.A. (University of Dayton)
Field of Specialization: Social Work

Virginia Johnson Stephens, Lima
B.S. (Hampton Institute)
Field of Specialization: Social Work

Charles Gilbert Striley, Cincinnati
B.A. (University of San Diego)
Field of Specialization: Social Work

Robert Stanley Suydam, Union, N. J.
B.A. (Bloomfield College)
Field of Specialization: Social Work

Ramona Elizabeth Temple, Upton,
Mass.
B.A. (Marietta College)
Field of Specialization: Social Work

Mary Ann Sullivan Terapane,
Cincinnati
A.B. (College of Notre Dame,
California)
Field of Specialization: Social Work

Harriet Lane Tower, Youngstown,
N. Y.
B.A. (Union College)
Field of Specialization: Social Work

Kristi Anderson Treptow, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Edward Charles Voss, Columbus
A.B., M. Div. (University of
Cincinnati)
Field of Specialization: Social Work

Richard Scott Wheeler, Sciotoville
B.S. in Edu.; M.A. (Marshall
University)
Field of Specialization: Social Work

Robert Reginald Wohlgemuth, Parma
B.S. in Soc. Wel.
Field of Specialization: Social Work

Wilamine Lawson Wykle,
Parkersburg, W. Va.
B.A. (Morris Harvey College)
Field of Specialization: Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Paul G. Craig
Acting Dean for Undergraduate Programs: Robert A. Oetjen

The Colleges of the Arts and Sciences,
a federation of five colleges, includes:

College of The Arts

Dean: Lee Riggsby

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Charles L. Babcock

College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts

Five hundred and fifty-one candidates

Barry Norman Aab, Buckland
John Michael Abbott, Worthington
Fern-Louise Ack, Cleveland
Jan Lee Adkins, St. Clairsville
Gary William Allen, Columbus
Edgel Ray Alley, Columbus
George Rudolph Ambro, Cincinnati
Bonnie Sue Ammer, Toledo
Douglas Reed Ammon, Maumee
Saeed Ansari, Tehran, Iran
Richard Alan Applegate,
North Canton
Jeffrey Bruce Arenswald, Beachwood
Robert Lee Arnett, Piqua
Jane Alice Atkinson, Lima
Susan Ethel Au, Akron
Robert Andrew Aufmuth, Mentor
Elisabeth Ann Aurand, Worthington
John David Austin, Jr., Hilliard
Karen Louise Aveni, Cleveland
Beth Ellen Babich, Marion
John Richard Baird, Columbus
Doranne Baker,
Hasbrouck Heights, N. J.
David Anthony Balczunas, Parma
Peter John Balczunas, Parma
Suzanne Catharine Ball, Logan
Gary George Baltz, Naperville, Ill.
Michael Eugene Banta, Lewisburg
Donald Edward Barb, Westerville
Judith Ann Barnett,
Mt. Vernon, N. Y.
Christine Barovian, Cleveland
Bruce Herschel Baskind,
North Miami Beach, Fla.
John Parrish Beavers, Worthington

Linden Joe Beck, Vanlue
†Carolyn Weber Belden, Columbus
Richard Bernard Belkind, Lyndhurst
*Howard Reid Bell, Beachwood
Paula Kaye Benkart, Youngstown
Jerry Ellsworth Bennett, Columbus
Susan Jean Benson, Rocky River
Rickey Kieth Berger, Columbus
Janet Katherine Bertsch, Akron
Harold William Beu, Chillicothe
Donald Ralph Bishop, Jr.,
Fairview Park
Carol Ann Bloomberg, Cleveland
Paul Alan Bogenrief,
Balboa Island, Calif.
Clifford William Bollenbacher, Marion
Rita Joanne Bova, Toledo
William Arthur Boyd, Elyria
Terry Charles Bradford, Germantown
James Francis Brandt, Columbus
†Ann Hathaway Brennan, Columbus
Michael Ray Brewer, Nitro, W. Va.
William Parker Bridges,
Ontario, N. Y.
Paul Edmond Brisson, Olmsted Falls
*Stefan Jack Broidy, Columbus
Julia Todd Brooks, New York, N. Y.
John Junior Brothers, Cleveland
*Nancy Ellen Brown, Columbus
Stephen Douglas Broyles, Marion
Sue Ellen Brueggeman, Cincinnati
†Carol Ann Brunhoefer, Worthington
Patricia Lou Buker, Columbus
Kenneth Allen Bundza, Brecksville
David Leroy Burggraf, Cardington
David Max Burkons, Shaker Heights
John Andrew Burns, Columbus
Esther Susan Bushman,
Philadelphia, Pa.
Terry Franklin Buss, Columbus
Nancy Lynn Bussert, Lithopolis
Carl Edward Bystrom, Sandusky
Robert Charles Cagen,
Cleveland Heights
Nancy Jo Campbell, Northfield
Sherry Elaine Cantwell,
Parkersburg, W. Va.
Jeanne Beatrice Caponigro, Cleveland
Monika Petat Card, Columbus
Susan Carr, Wilmington
Robert Donald Castor, Lexington
Mary-Margaret Catalano, Westlake
James Joseph Catteau, Columbus
Larry Gray Cecil, Caldwell
Kenneth Edwin Chapin, Nashport
Eugene Calvin Cheatham, III,
Columbus
Dennis Eugene Chippis, Mt. Gilead

Elaine Margaret Christ,
Bethesda, Md.
Barbara Ellen Circosta, Shadyside
Michele Ann Cisco, Mayfield Heights
James Thomas Clager, Columbus
Gary Allen Clapham, Columbus
Jane Ellen Clapp, Willoughby
Frederick Clinton Cleaver,
Mt. Pleasant
William George Cockrum, Columbus
George Edward Coey, Bremen
Thomas Joseph Cogan, Columbus
Dena Lynn Cohen, Canton
Cary John Colabrese, Columbus
Harold Dean Conley, Columbus
Steven Frederick Conn, Columbus
Julia Twomey Connell, Adel, Ga.
Charles Herbert John Cook, Lima
William Emons Cooper, Jr.,
Bogota, N. J.
Larry Gene Copeland, Wapakoneta
Ellen Theresa Corbett, Columbus
Barbara Ann Corn, Columbus
Ernest Louis Corsi, Garfield Heights
Edward Thomas Costello, Toledo
Jon Douglass Counts, Bay Village
Craig Steven Cowit, Flushing, N. Y.
Winifred Wiseman Crabbs, Columbus
Herbert Eugene Craig, III,
Middlefield
Marilyn Abrienne Cramer, Columbus
Shana Marie Craumer, Waverly
Jeffrey Jay Crow, Akron
Dennis Michael Crutchley,
Costa Mesa, Calif.
Roger Allen Culbert, Fremont
David Alan Dachner, Columbus
Sally Virginia Dausch,
Rochester, N. Y.
Frederick Edward Davis, Jr.,
Yellow Springs
Gail Fotheringham Davis, Columbus
Linda Lee Dawson, Columbus
Douglas Henry Dearth, Columbus
Leslie Roschman Dennis, Dayton
Michael Philip DePirro, Jr., Girard
Denis Michael deVlaming,
Amityville, N. Y.
Nathan Philip Diamond,
Brooklyn, N. Y.
Frank DiFiglia, Buffalo, N. Y.
Melinda Lou Disney, Cincinnati
Nancy Kay DiTomaso, Canton
Ronald Frank Doyle, Vienna, W. Va.
Janet Sue Drake, Wheelersburg
Stanley Bruce Dritz, Euclid
* Also Bachelor of Science in Education,
College of Education
† Also Certificate of Graduate Dental
Hygienist, College of Dentistry

Laura Ann Druga, Farmdale
 Helena E. Dubczak, Cleveland
 Jerry Thomas Duffey, Dayton
 Richard Gary Dunberg,
 Westbury, N. Y.
 Jay Donald Dunfee, Columbus
 Robert Thomas Dunlevey, Dayton
 Rex Burton Easley, Defiance
 Kenneth Robert Eaton, Jr., Hilliard
 Thomas Paul Eberhardt,
 Allentown, Pa.
 Robert Charles Eger, Cincinnati
 Don Michael Eggspuehler,
 Iowa Falls, Ia.
 *Linda Marie Eiben, Cleveland
 Marilyn Barbara Eisenberg,
 Cincinnati
 Stephen Moore Eldredge,
 Barrington, Ill.
 James Thomas Elwell, Columbus
 James Barry Emden,
 East Rockaway, N. Y.
 Charles Michael Epperley, Dayton
 Gregory John Ermenc, Cincinnati
 Dennis Mark Eshbaugh, Dayton
 Leslie Robert Evans, Cleveland
 Bradley Ferencz, Caldwell, N. J.
 Robert Michael Fertel,
 Shaker Heights
 Dennis Hamilton Fike, Euclid
 Rex David Fiske, Tiffin
 Michael Robert Foldes, Endwell, N. Y.
 Jeffrey Tice Folkerth, Columbus
 †Karen Roxanne Frankel, Toledo
 Iris Judith Frederick, Steubenville
 Marc Richard Friedman,
 New York, N. Y.
 Daniel Louis Frisa, Buffalo, N. Y.
 Jeffrey Kelsey Furrow, Lima
 Thomas Albert Gabrielson, Dayton
 Timothy Allen Gallogly, Worthington
 William Dinan Gammie,
 Berlin Heights
 Delbert Franklin Garnes, Columbus
 Linda Martinson Gartman, Columbus
 Leeann Gatchell, Findlay
 Gerry Gaydos, North Olmsted
 Mark Gabriel Gellar, New York, N. Y.
 Alan Charles Gerbec, Cleveland
 Gail Ruth Gilbert, Shaker Heights
 Jerome R. Glaser, Mentor
 Joyce Marsha Glaser,
 Plainview, N. Y.
 Michael Victor Glaze, Pickerington
 George Allison Goehl, Columbus
 Karlene Maria Goldbach, Avon Lake
 Harris Bruce Goldenberg, Chicago, Ill.
 James Ernest Gorius, Newark
 Cynthia Lee Gossick, Dayton

James Milton Graber, Barberton
 †Sharon Lee Grable, Dayton
 Nicholas Craig Graor, Brecksville
 Frederick Hazen Green, Thompson
 John Terrence Green, Marion
 Robert William Green, Attica
 Mark Ira Greenwald, Bronx, N. Y.
 Douglas Benning Gregg, Nevada
 James Richard Gregory, Columbus
 Mary Elizabeth Grisco, Cincinnati
 †Cheryl Ann Grosso, Mansfield
 Victoria Dinga Grove, Columbus
 Daniel Allen Grovemiller, Kirtland
 Paul Wilson Groves, Malaga
 Wolodymyra Gudz, Canton
 Jacqueline Otto Guzell, Ottawa
 Stanley Daniel Guzell, Jr.,
 Strabane, Pa.
 Dennis Charles Haas, Columbus
 Diane Siegel Haas, Columbus
 B.S. in Edu.
 Sue Ann Habel, Kettering
 Robert Lynn Hall, Jr., Baltimore
 Nancy Lynn Hallock, Chicago, Ill.
 Sharon Lee Hamersley, Columbus
 Dawn Anne Hammer, Morris, Ill.
 James Andrew Hammerschmidt,
 Moorestown, N. J.
 James Robert Hand, Newark
 Dominic Joseph Hanket, Columbus
 John David Harker, Columbus
 James Richard Harris, Columbus
 Hope Jeanene Hartman, Cincinnati
 †Helen Jane Hatcher, Columbus
 Gary Haugland,
 Huntington Station, N. Y.
 Richard Allen Haupt, Sumner, Ia.
 Lewis Eugene Hawk, Columbus
 Richard Charles Hayes,
 Northbrook, Ill.
 Elizabeth Sidwell Hayhow, Columbus
 *Gregg Charles Heacock, Boardman
 Linda Elaine Heaton, Columbus
 Larry Ronald Hedrick, Omaha, Nebr.
 Lucinda Joan Heinmiller, Columbus
 Rita Marie Heinmiller, Columbus
 William Albert Henley, Columbus
 Barbara Lynn Herczog, Lyndhurst
 Carolyn Jeanette Herman, Willowick
 Ana Maria Hernandez, Cleveland
 Ericsson Joseph Herpmann, Bath
 Margaret Jean Herr, Cincinnati
 John Rohrer Hess, Richwood
 Christine Highnam, Mt. Vernon
 Geoffrey Edward Hill, Massillon
 Carl Philip Hirsch, Chillicothe
 Edward Michael Hockicko,
 Youngstown
 Dain Joel Hodges, Edgewater, Md.

Mary Katherine Hoebel,
 North Canton
 Warren Geoffrey Hohwald, Columbus
 Andrew Charles Holiner,
 Brooklyn, N. Y.
 Virgil Vincent Hollingsworth,
 Columbus
 Daniel Lewis Hopper, Columbus
 Carroll Ann Hopton, Worthington
 Mary Lynn Horak, Lima
 David Joseph Horn, Brooklyn, N. Y.
 Gary Allan Hotz, Cleveland
 David Kenneth Houser,
 Lake Worth, Fla.
 David Earl Howe, Euclid
 Jerry Lynn Howett, Troy
 Thomas Lee Hudson, Columbus
 James Robert Hulis, Columbus
 Stephen Bennett Hunter,
 Englewood Cliffs, N. J.
 Leila Lynne Hutchison,
 Cleveland Heights
 Gary Earl Hyatt, Gahanna
 James Jablonski, Elyria
 Carole Jeanne Jacobs,
 Hillcrest Heights, Md.
 Stephen Michael Jarvis, Columbus
 Edward Bruce Jennings, Akron
 Ellen Stuart Johns, Annandale, Va.
 *Cheryl Mae Jones, Youngstown
 Raymond Reuben Jones, Circleville
 Robert James Jones, Columbus
 David Allen Jump, Willard
 Donald Warren Kaizl,
 Cedarhurst, N. Y.
 Maija Kalejs, Chagrin Falls
 Eric Norman Kampfe, Hamilton
 John Walter Kanieski, Cleveland
 James Raymond Kapel, Akron
 Leon Allan Kappelman,
 Hollywood, Fla.
 Karen Sauer Kapson, Columbus
 *Ted Robert Katterheinrich,
 New Knoxville
 Barbara Roe Kay, Mobile, Ala.
 Kenneth Ralph Kaye, Cleveland
 William Hill Keating, Columbus
 Alicia Sue Kellogg, Caledonia
 Linda Sue Kerns, Bellefontaine
 James Dewey Kirk, Toledo
 Susan Lee Kirsner, Toledo
 Dennis Alan Kissel, Avon
 Carl Anthony Klein, Kettering
 James Willard Klingler, Somerset
 Robert Joel Knable, Youngstown

* Also Bachelor of Science in Education,
 College of Education
 † Also Certificate of Graduate Dental
 Hygienist, College of Dentistry

William Henry Knox, Circleville
 Charles Henry Knull, Urbana
 Michael John Kobold, Omaha, Nebr.
 Judith Louise Koch, Bay Village
 Roland Edward Koch, Milford
 Martin Howard Kodish, Akron
 William Arthur Koerner, Edgerton
 John Michael Kostak, Bay Village
 Mary Barbara Kostelnik, Berea
 Carl John Kotheimer, Boardman
 Thomas Henry Kothman, Fairborn
 Herbert Irwin Kowalsky,
 New York, N. Y.
 William James Kraus, Cincinnati
 Dennis John Kroger, Cleveland
 John Charles Kubat, Cleveland
 Raymond Thomas Kulcyski,
 Bound Brook, N. J.
 John Alan Kulesza, Cleveland
 Constance Bonny Roxane Kurt,
 Jefferson
 Mark Stephen Lally, Columbus
 Alan Roy Lang, Cincinnati
 Larry Jay Larrimer, Columbus
 George David Laur, Holgate
 Anne Marie Leggett, Columbus
 Robert Cooper Leher, Denver, Colo.
 Ellen Susan Leinoff, Paterson, N. J.
 Fred Norman Lembeck,
 Hollywood, Fla.
 Patricia Kay Leonard, Cleveland
 David Michael Levin,
 University Heights
 Bruce Edwin Levine, Plainfield, N. J.
 Dee Emmel Lewis, Columbus
 James William Lewis, Columbus
 Neil Bruce Liber, Columbus
 Paula Louise Lichter,
 Longmeadow, Mass.
 Donn Robert Lidington, Willard
 Marjorie Maida Lifsen,
 Mt. Vernon, N. Y.
 Daphne Ann Loew, Cincinnati
 Gerald Furlong Loughman, Jr.,
 Rossford
 Jeffrey Michael Louis, Blacklick
 John Michael Lowry, Columbus
 Stephen Henninger Lowry, Kettering
 Frank Eugene Lozano,
 Englewood, N. J.
 David Francis Lucid, Englewood
 Jeffrey Hamilton MacArthur, Toledo
 Patricia Ann Machado, Cleveland
 Sally Ann Mackey, Shelby
 Henry A. Maffeo, II, Brighton, Mass.
 Michael Brian Maher,
 Short Hills, N. J.
 Edward Dennis Makruski, Elyria
 James Joseph Maley, Cleveland

Nancy Adele Margand,
 New Rochelle, N. Y.
 *Jonathan David Marks,
 Shaker Heights
 Beata Martha Marossy, Franklin
 John Byron Martin, Shelby
 Jonpaul Rogers Martin, Leavittsburg
 William J. Martin, Minerva
 James Patrick Masterson, Cleveland
 Richard Jeffery Mathews, Bellville
 B.S.
 Sandra Kay Maxwell, Columbus
 Gene Howard Mayfield, Crestline
 Alice Louisa Mayo,
 White Sulphur Springs, W. Va.
 David Craig McCasland, Westerville
 William McCleary, Jr., Akron
 Larry Allen McElwee, Hillsboro
 Robert Alan McGee, Mansfield
 Elizabeth Jane McGill, Lebanon
 Susan Louise McGill, Worthington
 Janis Mae McGinty, Fairview Park
 Robert Hugh McGovern,
 Yonkers, N. Y.
 Richard William McGowan,
 Youngstown
 John Davis McIlquham,
 Uniondale, N. Y.
 Bryan Ford McIntyre, Columbus
 Richard Allen McNeely, Dayton
 Ralph Richard Mecca, Pittsburgh, Pa.
 Judith Arilyn Mellin,
 Framingham, Mass.
 Arcadia Helene Melnyk, Columbus
 Bernard Jay Mendlowitz,
 McKeesport, Pa.
 Daniel Jay Miller, Lexington
 Gary Lee Miller, Cleveland Heights
 Harry Miller, University Heights
 Joseph Edward Miller, Jr., St. Marys
 Robert LaVerne Miller, Mansfield
 Nancy Joyce Minson, Cincinnati
 Roger Vaughn Mize, Columbus
 John James Moffett, Sandville
 Thomas Nelson Montelauro,
 Sandusky
 Terry William Moore, Worthington
 Jon Arnold Moorehead, Zanesville
 Jessie Ann Mordoff, Columbus
 Donald Jay Morganstern,
 Rahway, N. J.
 Margaret Ann Morris, Canton
 John Joseph Moss, Cambridge
 Bruce Stevens Mowery, Columbus
 Barbara Jean Moxley,
 North Royalton
 Allan James Moynihan, III, Cleveland
 Eric Edward Muceus, Dayton

Michael James Munsch, Columbus
 Frank Vincent Murphy, III, Marion
 Timothy Edward Murphy, Columbus
 Carla Faye Myers, Akron
 Patricia Ann Myers, Dayton
 †Yvonne Lynn Napier, Cincinnati
 John Edward Nawalanic,
 South Euclid
 Robert John Nemcik, Youngstown
 Susan Marie Newell, Cleveland
 Byron Edward Newland,
 Dunwoody, Ga.
 Christine Nossaman, Chesterfield, Mo.
 Jeffrey Allan Oakes,
 Orchard Lake, Mich.
 Carla Louise Ober, Upper Sandusky
 Stanley John Obloy, Jr., Cleveland
 John Michael O'Neal, Springfield
 Patricia Ann O'Rourke, Columbus
 *Harry Arthur Orris, Painesville
 John Philip Osborn, Bucyrus
 Cherith Day Osuga, Columbus
 William Michael Owens, Coshocton
 Lawrence John Paglioni, Columbus
 Evalyn Conwell Parks, Worthington
 Zoriana Motria Paschyn, Lorain
 †Judith Pritchard Pausch,
 Uhrichsville
 Robert Clair Paxton, II, Caldwell
 Holly Marcia Pearl, Chicago, Ill.
 Niels Mortensen Perkins, Jr.,
 Columbus
 John Niels Perlman, Columbus
 John Edward Peters, Columbus
 Pamela Pierce Petrovic, Columbus
 Eileen Patricia Pettit, Tallmadge
 Barbara Lynn Phillips, Beverly, N. J.
 *Timothy Carl Phillips, Canton
 Robert Edwin Pitts, Chillicothe
 Andria Leons Podnieks, Loudonville
 Larry Strine Porter, Marion
 Gregory Eugene Potts, Portsmouth
 Gregory George Prasher, Mansfield
 Frances Elaine Pratt, Delaware
 Karen Elizabeth Printy, Fremont
 Weston Marshall Radov, Erie, Pa.
 Elaine Radzevich, Avon, Conn.
 Ben Duncan Ramaley,
 Lake Forest, Ill.
 Carol Hausman Ramaley,
 Lake Forest, Ill.
 Donald Lester Ramsey, Huron
 Benjamin James Randall,
 University Heights
 Thomas Lee Ratliff, Columbus
 Robert Walter Rauck, Hamilton

* Also Bachelor of Science in Education,
 College of Education
 † Also Certificate of Graduate Dental
 Hygienist, College of Dentistry

Brian Lyle Rayner, Dayton
 Margaret Appel Reidl, Columbus
 Paul Reifer, Pittsburgh, Pa.
 Michelle Penney Reinbolt, Oregon
 Ruth Ann Renneker, Worthington
 Glenn Hugh Revere, Cleveland
 Margaret Locker Rhodes, Columbus
 John Creede Riley, Westwood, Mass.
 Keith Lester Rinehart, Columbus
 Dard Frank Ringenbach,
 Arlington, Va.
 Randall Brent Ringwald,
 Middle Point
 James Allen Rishbarger, Greenhills
 Robert Allen Rizzardi, Lafferty
 Henry Kirby Roberts, Columbus
 Geoffrey King Robinson,
 King of Prussia, Pa.
 John Edward Rock, Wilmington, Del.
 George Henry Rolfes, Jr., Cincinnati
 William Vincent Roll, Zanesville
 Susan Saks Rubel, Gadsden, Ala.
 *Charlane Marie Russ, Grove City
 James DiSandro Ryan, Columbus
 Robert Joseph Ryan, Springfield, N. J.
 Gary Coleman Ryckman, Columbus
 James Allen Sands, Mt. Vernon
 Philip Raymond Saneholtz, Napoleon
 Danny Lee Sankey, Cleveland
 Arthur Andrew Sankovich, Bellaire
 Walter Sapronov, River Grove, Ill.
 James William Sayers, Montpelier
 Mary Jane Scharf, Hewlett, N. Y.
 Diane Maxine Schimmelman, Dayton
 Friedrich Schmidt, Mansfield
 Joseph Harold Schmidt,
 North Olmsted
 Nancy Fern Schneider, Springfield
 Terrance Lee Schneider, Springfield
 Helen Anne Schoen, Columbus
 Liga Danenbergs Schubach, Columbus
 Arnold Philip Scribner,
 Providence, R. I.
 †Lois Jacobs Sechler, Cincinnati
 Robert Vincent Secrist, Jr.,
 Bay Village
 Janet Diane Segal, Cleveland Heights
 Cheryl Anne Segrist, Swanton
 Susan Jo Severance,
 Madison Heights, Mich.
 Gerald Vito Sgro, Cleveland
 Jay Christopher Shaffer, Cincinnati
 Aaron Shainis, Washington, D. C.
 Paul Simon Shaker, Niles
 David George Sharnoff,
 Westport, Conn.
 Rita Kay Sharpe, Xenia
 Charles Runyan Shelly, Milford

Barry Alan Shepard, Shaker Heights
 David Hampton Sherman,
 Worthington
 Maria Sue Sherman, Baltimore, Md.
 Edward McKinley Shields, Columbus
 Donald Oren Shulman, Trenton, N. J.
 Anthony Michael Siclair, Galion
 Barbara Susan Siegel,
 Cleveland Heights
 Lloyd Warren Siegel, South Euclid
 Warren James Sika, Garfield Heights
 Richard Martin Simon,
 Brookline, Mass.
 Terry Linn Simpson, Cadiz
 Ransom Everett Slack, Marietta
 Kay Pierce Smith, Reynoldsburg
 Kent Reed Smith, Elida
 Richard Wayne Smith,
 Horseheads, N. Y.
 Stephen Lloyd Smith, Defiance
 Susan Lenora Smith, Mansfield
 Michael Hart Sporn, Dayton
 Carole Lynne Spring, Columbus
 Francis Edwin Spring,
 Pittsfield, Pa.
 Horst Peter Stehmer, Cincinnati
 Rainer Erich Steinhoff, Worthington
 Lonnie Thomas Stephen, Jerusalem
 Linda Ann Sterrett, Cleveland
 Diane Rachel Stiebel, Shaker Heights
 Gerald Alan Stimmel, Kettering
 Rosalie Ann Stluka, Columbus
 Michael Allen Stone, Columbus
 John Howard Stowe, Columbus
 *Diane Marilyn Strock, Wooster
 Dorothy Swank Summy, Ashland
 Sara Jane Sussman, Passaic, N. J.
 †Regina Mary Swanson, Lansing, Ill.
 Valerie Elaine Tate, New York, N. Y.
 Jeremy Pierson Taylor,
 Cleveland Heights
 Karen Louise Tetirick, Columbus
 Cathy Ellen Thornton, Piqua
 Peter William Till, Mineola, N. Y.
 Paul D. Travis, Sylvania
 Larry Edwin Trover, Columbus
 Rollyn Craig Trueblood, Columbus
 Barbara Ann Turk, Willowick
 Peter Henrik Turkopuls, Cleveland
 Terry John Uecker, Lakewood
 Gwen Valore, Lakewood
 Ronald Dale VandenDorpel,
 Wyckoff, N. J.
 Philip Lee Verda, Oberlin
 Jack Charles Voller, Cincinnati
 Samuel David Waksal, Dayton
 John William Wall, Columbus
 Kathleen Margaret Walsh, Springfield

Richard Allen Waltz, Port Clinton
 Johnnis Cheryl Washington,
 Cleveland
 Kenneth Edward Wasserman,
 Wantagh, N. Y.
 Denese Louise Waters, Cincinnati
 Nancy Dorothy Weber,
 Carteret, N. J.
 Melvin Donald Weinstein, Dayton
 Bernard Weiss, Bayside, N. Y.
 Robert Peter Weiss, Mansfield
 Stephen William Westlake, Columbus
 Robert Clifford Whelan, Jr., Westlake
 Steven Roger White, Columbus
 William Gatewood White, Caledonia
 Craig Joseph Whitney, Springfield
 Carol Ann Widman, Norwalk
 Evan Jeffrey Williams, Columbus
 Burton Stephen Woda,
 Spring Valley, N. Y.
 Daniel Francis Wolfe, Dayton
 Judith Gayle Wolfe, Columbus
 Lorraine Cheryl Wolfe,
 Haddon Heights, N. J.
 Stanley Howard Wolpoff,
 Brooklyn, N. Y.
 Barbara Jean Wood, Barberton
 William Robert Woodward,
 Moorestown, N. J.
 Peter Wright, Washington, D. C.
 Patricia Johns Wuichet, Columbus
 Janet Marie Wynn, Cuyahoga Falls
 John Francis Young, Columbus
 Rose Barbara Yuster,
 New York, N. Y.
 William Andrew Zapp, Columbus
 Linda Ruth Zeman, Maple Heights
 Charles Herman Zimmerman,
 Columbus

Bachelor of Science

Three hundred and fifty-one candidates

James Floyd Adams, Portsmouth
 Joseph Thomas Adinaro, III,
 Mt. Vernon, N. Y.
 Kenneth Harold Adler,
 Cleveland Heights
 Theodore Joseph Alexander,
 Youngstown
 Gary Richard Altman, Findlay
 Carl Leonard Amodio, Poland
 Robert Stephen Anthony, Bellevue
 John Namer Aseff, Cleveland

* Also Bachelor of Science in Education,
 College of Education
 † Also Certificate of Graduate Dental
 Hygienist, College of Dentistry

Jo Cheryl Ashley, Anderson, S. C.
 James Kenneth Atchison, Dayton
 Arol Ray Augsburg, Lima
 Denis Frank Ausflug, Parma
 Eric Warren Baer, Celina
 Thomas Edwin Baker, Richwood
 Bernard Louis Baltz,
 Indianapolis, Ind.
 John Charles Barber, Sandusky
 Ronald Charles Barienbrock, Dayton
 Margaret Edwina Barnett,
 White Plains, N. Y.
 Barry Leigh Bartelt, Columbus
 Robert Keith Beamer, Sandusky
 Jay Earl Beilharz, Lima
 Joseph Carl Bennett, Portsmouth
 Jackie Berkowitz, Brooklyn, N. Y.
 Myron Morris Bessel, Middletown
 Walter David Betsch, Columbus
 Paul Jerome Bieszczad, Toledo
 Anthony Gary Bitonte, Youngstown
 Robert Anthony Bitonte, Youngstown
 Richard Frederick Blass, Conneaut
 John Lewis Blazar,
 University Heights
 Robert Peter Blonski, Cleveland
 Barry Robert Boeker, Toledo
 Bonita Lee Boger, Akron
 David John Bomersbach,
 Sumter, S. C.
 John David Bond, Akron
 Mark Allan Bookspan, Columbus
 Julia May Brakel, Worthington
 Michael Patrick Breiner, Lakewood
 Anna Marie Brezdun, Parma
 Lynn Emerson Brower, Westerville
 Danny Lee Brown, Spring Valley
 Diane Cheryl Brown, Bellevue
 Gerald Allan Brown, Columbus
 Linda Jean Brown, Columbus
 Ronnie Brownman, Dallas, Tex.
 Allan Sadler Brubaker, Eaton
 Donald Eugene Bruner, Johnstown
 Wolf-Dieter Nikolai Busch, Columbus
 William Kerr Butler, Wellston
 Ronald Bruce Carmen, Columbus
 Bruce Carter, New Plymouth
 George Edward Carver,
 Chalmette, La.
 Paul Joseph Casper, Worthington
 Page William Caulfield, Cleveland
 Jonathan Stuart Clark, Columbus
 Martin Brian Clausung, Portsmouth
 Ronald Eugene Clinger, Forest
 Roberta Lee Colegrove, Columbus
 Roberta Hosier Conger, Peninsula
 Edward Vincent Conroy, Jr.,
 Olmsted Falls
 Bryan Richard Cook, Gahanna

Terry Eugene Courtwright,
 Newcomerstown
 David Eric Cowall, Columbus
 Jeri Williams Cowan, Alliance
 Robert Eugene Cowan, II, Alliance
 James Edward Cox, Jr., Mansfield
 John Henry Croushore,
 Lockport, N. Y.
 Yvonne Eutrela Cummings,
 Columbus
 Joseph Harold Daly, Elyria
 Thomas Richard Danford, Bellaire
 Michael Stephen Davis, Youngstown
 Robert Calvin Davis, Columbus
 Brent Gilbert Dennis, Toledo
 Patrick Charles DeVine, Columbus
 Jerry Don Dickey, Newark
 Dennis Salvatore DiMatteo,
 Youngtown
 Sharon Bliss Dinsmore, Kettering
 Ronald Edward Douglas, Columbus
 Bruce Alan Drum, Bryan
 Roland Roy Dute, South Amherst
 William Wesley Earney, Millersburg
 Gerald Robert Ehram, Toledo
 Stephen Ames Elbert,
 Middleburg Heights
 Larry Stephen Elliott, Columbus
 Mark Raymond Engel,
 University Heights
 Oliver Judson Engstrom, Harrisville
 Edward Edeburn Erb, Jr.,
 North Olmsted
 James David Evans, Hamilton
 Dale Francis Everett, Columbus
 Stephen Thomas Faehnle, Columbus
 John Robert Fellows, Euclid
 Robert Jay Fish, Cambridge
 Eric Bruce Fisher, Wapakoneta
 John William Fitzharris, Jr.,
 Centerville
 Mary Carolyn Foushee, Reynoldsburg
 Gary Wayne Fout, Ridgeway
 Kathleen Carol Fox, Ashland
 Linda Kay Freeman, Springfield
 William Craig Fuller, Westerville
 Sharon Kay Garner, Columbus
 Joseph Verne Gary, Parma
 Cheryl Lee Gealy, Sharon, Pa.
 Tom Vaughn Gerlinger,
 Cuyahoga Falls
 Elliot Stephen Gersh, Dayton
 Gary Lee Gillen, Bellefontaine
 Frank Leo Godorhazy, Columbus
 Daniel Berl Goldberg, Columbus
 Natalie Charlotte Gordon,
 Trenton, N. J.
 William Dennis Grady, Westlake

Rene William Grieselhuber, Hamilton
 Karen Jeanne Griest, Springfield
 John Emmert Groff, Jr., Kettering
 Philip Joel Gross, South Euclid
 Gregory David Grucella, Akron
 Wayne Morris Gunckle, Germantown
 Archibald Francis Gunn, III,
 Columbus
 Kenneth Paul Hager, Parma
 Robert Walter Haller, Jr.,
 Bay Village
 James Warren Hanna, Ashtabula
 Timothy Craig Hawkins, Dayton
 Dana Lee Heacock, Mt. Gilead
 Richard Robert Hendrickx, Kenton
 Ferris Owen Henson, II, Piqua
 Diane Gail Hermann, Youngstown
 Norbert Horst Hertl, New Holland
 Judith Ann Hilty,
 Sandia Park, N. Mex.
 Seth Allen Hock, Columbus
 James Harold Hoffsis, Bucyrus
 Richard John Hohmann, Jr.,
 Barnegat Light, N. J.
 Forrest Douglas Holcombe,
 Worthington
 William Chapman Holliday,
 Youngstown
 Clifford Lee Val Holt, Bucyrus
 Nicholas Carl Horning, Dayton
 Roger William Horning, Lima
 Julia Ann Huffman,
 Shawnee Mission, Kan.
 John Anthony Huheey, Cincinnati
 Robert Kingsbury Hume, Toledo
 Susan Jill Humphrey, West Lafayette
 Stephen Joseph Hurst, Columbus
 Joseph Lawrence Imburgia, Warren
 Daryl Lynn Jacobs, Defiance
 Raymond Douglas Jerge, Lakewood
 Michael Allen Johnson, Bucyrus
 Paul David Johnson, Washington, D.C.
 Richard Terry Jones, Radnor
 Robert Charles Jorden, Massillon
 Joel Steven Justin, Cincinnati
 Steven Robert Kanner, Canton
 Alan Jeffrey Katz, Columbus
 David Allen Kayden, Gibsonburg
 Richard Robert Keenan, Cincinnati
 Marguerite Travis Kelbaugh,
 New Canaan, Conn.
 Richard Allen Kershaw, Euclid
 William Edward Kibbey, Columbus
 Carolyn Jo King, Gallipolis
 Dudley Arthur King, Defiance
 Steven Douglas King, Columbus
 Dee Ann Kinkade, Kettering
 Richard Charles Klein, Columbus
 John Richard Klepper, Dayton

Thomas Wayne Knupp, Ravenna
 Edward James Kobrinski, Seven Hills
 Fleetwood Raymond Koutz, Jr.,
 Columbus
 David John Kral, Euclid
 David Dean Krause, Massillon
 Everett Van Krichbaum, Columbus
 Warren Dean Kroeker, Fairborn
 Glenn Richard Kubina, Youngstown
 Robert Martin Kunis, Teaneck, N. J.
 Michael Alan Landers, South Euclid
 Steven Joseph Laning, Wheaton, Ill.
 Thomas LaVerne Lawrence,
 West Farmington
 Parker Lee, Canton
 George Eric Leigh, Cleveland
 Marian Janet Lenhart, Campbell
 Barry Alan Levin, Shaker Heights
 Robert Wilder Lewis, North Canton
 Thomas Elbert Lewis,
 Grand Junction, Colo.
 Lynne Anne Lieber, Newark
 John Robert Lindsay, Massillon
 Pamela Lee Long, Gahanna
 Robert Edward Longenbaker,
 Columbus
 Donald Ralph Loose, Grove City
 Dorothy Smith Lumsden, Louisa, Va.
 Barbara Carroll Lynch, Kettering
 Karen Swift Maigetter, Sharon, Pa.
 Michael Harry Malowitz, Youngstown
 Michael Harlan Mann, Dayton
 Steven Paul Marcolini,
 Englewood, N. J.
 Fred Sheldon Margolis, Lorain
 Richard Allan Markley, Mansfield
 David Uhl Martin, North Canton
 Suzanne Jane Marvin,
 New Philadelphia
 Betty Ann Mathis, Columbus
 Jay Dennis McClintic, Toledo
 George Paul McCormick, Worthington
 Daniel Norviel McGrath, Columbus
 Robert Orley McLaughlin, Jr.,
 Columbus
 James Andrew McMillan,
 Worthington
 Anthony Joseph Melaragno, Cleveland
 Corinne Merle Mello, Macedonia
 Paul Michael Mendelman, Columbus
 Mary Jo Anne Meo, Elyria
 James Edwin Metz, Coshocton
 Lynn Meyerson, Paterson, N. J.
 Walter Paul Mieczkowski,
 Worthington
 Brent Lawrence Miller,
 University Heights

Douglas Lawrence Miller,
 Steubenville
 Edward Earle Miller, Jr.,
 Pittsburgh, Pa.
 Michael Francis Minch, Kettering
 Frank John Misciasci, Jr., Cleveland
 Donald Kenneth Mitchell, Elyria
 Robert Len Mitchell, Akron
 Larry Alan Moore, Shreve
 Jo-Ann Mary Moritz, Poland
 Danny Lee Morrison, Barberton
 William Ernest Motts, Buckeye Lake
 Joseph John Mravec, Canton
 James Paul Musarra, Barberton
 David Luther Muth, Bucyrus
 Ronald Michelle Myers, Ashland
 Jeffrey Nagelbush, University Heights
 Steve Naltsas, Akron
 Mark Wade Naylor, Dayton
 Joseph Alan Newhart, Cincinnati
 Nancy Ann Newkirk,
 Ann Arbor, Mich.
 Teodora Ngo, Columbus
 Norman Arthur Nice, Barberton
 James Thomas Nicklay, Elyria
 John Paul Oberdier, Richwood
 Sally Hardin Odegaard, Columbus
 Carol Susan Oles, Canton
 David Stephen Orr, Indianapolis, Ind.
 Richard William O'Shaughnessy,
 Columbus
 William Hubert Overmyer, Perrysburg
 James Martin Parker, Wauseon
 Charles Benjamin Patterson,
 Greenville, S. C.
 Mindaugas John Pautienis,
 Cleveland Heights
 Robert Eugene Pearson, Jr.,
 Ashtabula
 Thomas Patrick Perone, Columbus
 Keith Michael Perry, Cincinnati
 Gerald Paul Petersen, Willoughby
 William Louis Phillips, Zanesville
 Steven Robert Pieracini, Carey
 Michael Jeffrey Pinter, Lorain
 George Michael Pipoly, Poland
 Judith Ann Post, Hillsboro
 Gerard Michael Prinz, LaGrange
 Thomas Anthony Puchalski, Fremont
 Kenneth Fred Pulkkinen, Ashtabula
 Francis Dean Putt, Sugarcreek
 Timothy John Raab, Dayton
 Curtis Alan Rahn, Elmhurst, Ill.
 Richard Jefferson Randolph,
 Portsmouth
 Larry Joseph Rapp, Columbus
 Bruce Allen Ratcliff, Troy
 Paul Alan Rehder, Grove City

Robert Geoffrey Reines,
 Shaker Heights
 Joann Kathrine Remshik, Parma
 Gregory Jeff Remy, Portsmouth
 John Robert Ribic, Amherst
 Donna Marie Richardson,
 Cleveland Heights
 Irwin Howard Richt, Bronx, N. Y.
 Robert F. Richter, Toledo
 Charles Russell Rittenhouse,
 Hamilton
 Michael Franklin Robinson,
 Durham, N. C.
 Herbert Knapp Rollins, III, Delaware
 Jack Roseberry, Ironton
 Gary Alan Roselle, Columbus
 Kenneth George Rosenthal, Euclid
 George Rothenstein, Cleveland
 Marvin Lee Rowe, Jr., Paterson, N. J.
 Thomas Patrick Ryan, Columbus
 Stanley R. Sadler, Jr., Coshocton
 Edward Conrad Samsel, Jr. Toledo
 Michael Leslie Schamis,
 East Meadow, N. Y.
 Gail Arlene Schechter,
 Silver Spring, Md.
 Dennis Robert Scheibel, Toledo
 Barbara Lee Scherzer,
 Maplewood, N. J.
 Theodore Daniel Schiffrik, Parma
 Shelley Keith Schrier, Columbus
 Marilyn Marie Schwede, Cleveland
 Bernard Joseph Schwind, Jr.,
 Perrysburg
 Michael John Scianamblo, Dayton
 Gail Michele Semon, Belleville, Ill.
 Sedat Shaban, Mansfield
 Michael Herman Shaevitz, Columbus
 Norman Ray Shape, Waterville
 Mark Benjamin Shapira, Youngstown
 Ray Eugene Showman, Liberty Center
 August Patrick Sinieropi,
 Seneca Falls, N. Y.
 Winfield Scott Slocum, IV,
 Annapolis, Md.
 Steven Irving Smiga, Lakewood, N. J.
 Norris Kent Smith, Bay Village
 Randall Alan Smith, Columbus
 Roy Eugene Smith, Warren
 Alfred Lauren Sneeringer, Jr.,
 Shelby
 Don Blair Snoke, Utica
 William Westley Somers, Euclid
 Wayne Joseph Spetnagel, Chillicothe
 Larry Lee Steele, Nelsonville
 Kathleen Theresa Steiger, Lakewood
 Sandra Ann Stelnicki, Girard
 John Martin Stiefel, Shelby

College of the Arts

Dean: Lee Rigsby

Edward Harry Stolarski, Jr.,
Columbus
William Gene Strader, Columbus
Robert James Straubel, Columbus
Mark Stephen Strauch, Bucyrus
Jay Edward Swaidner, Toledo
Roger Lee Swallow, Wapakoneta
Timothy Blair Swango, Dayton
Roger Allyn Sweet, Middlefield
Jean Elizabeth Szikszay, Parma
Jerome Tabacca, Warren
Stephen Bernard Tankovich,
Columbus
Marcia Ann Thomas, Waverly
Robert Russell Thomas,
Cuyahoga Falls
Dwight Frank Thompson, Ashtabula
Gregory James Thompson, Willard
Maury K. Topolosky, Columbus
Michael Wayne Townsend, Fairborn
Bruce Weber Troutman, Dayton
William Clarke Tucker, Jr., Columbus
Eric Clifton VanGilder, Worthington
Michael Walter Vargo, Jr., Cleveland
Joseph Frank Velasquez, Lorain
Michael William Velten, Columbus
David Lloyd Vernier, Dayton
Harvey Ronald Vesha, Cleveland
Kern William Vogel, Fairfield
Terry Elaine Voss, Bellefontaine
Marianne Wallace, Aliquippa, Pa.
Constance Louise Wallick, Columbus
Richard Martin Watkins, Kenton
Gail Elizabeth Webb, Cleveland
Ronald Eugene Webb, Kingston
Jacob Webel, Akron
Alan William Weiner,
Belle Harbor, N. Y.
Bradley Gray Wertman,
New Lexington
James Mann Wherley, Stone Creek
William Joseph Whitton, Hamilton
Jack Lee Wilhelm, Amherst
William Craig Wilkin, Hillsboro
Brian Howard Williams, Edison, N. J.
Phillip Alan Wisecup, Livonia, Mich.
Stuart Arnold Wisotzky,
Brooklyn, N. Y.
Christine Marie Wolfe, Columbus
Gary Lee Wolford, West Mansfield
William Allen Zeyer, Adena
Mark Alan Zimmerman, South Euclid
Vicki Hall Zinszer, Trotwood

Bachelor of Fine Arts

Forty-nine candidates

Doris-Dace Abolins, Cleveland
Phyllis Elaine Baker, Arcanum
Sara-Louise Berkey, Cleveland
William Wheeler Boyce, III,
Mendham, N. J.
Esther Miriam Carpenter,
Carteret, N. J.
Gary Donald Carper, Louisville
Douglas Lee Chandler, Cleveland
Larry Lynn Clark, Lima
Christine Carol Demeter, Mentor
Ann Deborah Etsten,
Leominster, Mass.
Michele Rhoda Feldman, Youngstown
Jane Warnock Finneran, Worthington
Richard David Green, Cleveland
Larry Douglas Hand, Cincinnati
Lee Helen Hecklinger, Toledo
Lawrence Clark Hellring,
Springfield, N. J.
Charles Allan Hitchcock, Defiance
Marilyn Mabel Holsing, Louisville
Jo Ann Parkinson Holtrey, Edison
Richard Curtis Howell, Worthington
Lillian Gertrude Jessberger, Columbus
Carl John Johnson, Chicago, Ill.
Rowland William Kanner, Macedonia
Terri Nan Katz, Buffalo, N. Y.
Dennis Lee Kennedy, Worthington
Sharon Kay Kitchton, Columbus
Jerry Lee Kohli, Bluffton
Joyce Alice Larson, Vandalia
Joan Elizabeth Merrell, Elizabeth, N. J.
Timothy Dean Nole, Columbus
Gary Joseph Orehovec,
Broadview Heights
Judith Ellen Osborn, Columbus
Kathleen Chorpenning Schenck,
Powell
Paul Alfred Schirmer, Brooklyn, N. Y.
Wayne James Sheppard, Trenton, N. J.
Neil Chessin Siegler, Cleveland
Bevlyn Thall Simson, Columbus
Joyce Marie Edwards Starr, Columbus
Carole Hope Sternberg, Cleveland
Joseph Francis Stralka, Cleveland
Katherine Mary Tapocsi, Cleveland
Katherine Jeanne Toth, Brecksville
Margaret Hunt Turpening, Columbus
Sidney Ann Underwood, Columbus
Richard Ayres Warren, II, Columbus
Virginia Beamer Weinhold, Columbus
B.A. (Cornell University),
Kathy Ann Weinman, Toledo
Vernon Emerson Will, Columbus
Nancy Kay Zivitz, Miami Beach, Fla.

Bachelor of Music

Eight candidates

David Allen Chase, Columbus
Barbara Lynne Daniels, Granville
*Cinda Lou Kelly, Washington, C. H.
Carol Gemeinhardt McDaniel,
Columbus
Edward Edmonds Montgomery, Jr.,
Columbus
B.S. (Purdue University)
*Kenneth James Wene, Orwell
Patricia Ann Wood, Springfield
James Albert Yeager, Columbus

* Also Bachelor of Science in Education,
College of Education

College of Social and Behavioral Sciences

Dean: Paul G. Craig

Bachelor of Arts in Journalism

Thirty-four candidates

Carl William Ashley, Jr., Canton
David Alan Banta, Pottstown, Pa.
Jennie Rae Buckner, Portsmouth
Donald Lee Cook, Nova
William Charles Cooper, II, Ironton
David Michael Dick, Tacoma, Wash.
Jack Raymond Farrell, Columbus
Karen Ann Gasdaska, Bethlehem, Pa.
David Alan Gollust, Painesville
Rexford Alan Hudson, Yellow Springs
Frederick Jadwin Huysman,
Upper St. Clair, Pa.
Christine Ann Jindra, Bedford
David Neil Kaplan, Newton, Mass.
Karen Jane Knost, Worthington
Anita Christine Lingard, Dayton
Stuart Meck, South Euclid
Cheryl Lynn Meredith, Bellbrook
Kathleen Alice Mikol, Cleveland
Nancy Bateman Morris, Deerfield, Ill.
James Merle Musser, Tiffin
Robert Frederick Musson,
Mountainside, N. J.
Dennis Ray Pollock, Coshocton
Nancy Kay Popa, Columbus
Katherine Jean Roth,
New Brighton, Pa.
David Claude Rowley, Ashtabula
Linda Sue Russell, New Albany
Shirley Ann Schneider, Westerville
Jo Anne Seibel, Mt. Sterling
Eileen Bea Slutsky, Sioux City, Ia.
Leonard Maximilian Solomon,
Cleveland
Teresa Anne Suter, Columbus
William George Waltz, Cincinnati
Burton Mark Weiss, Cleveland
Barry Nelson Winslow, Columbus

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

Three hundred and thirty-five candidates

Thomas Atchison Ables, Cambridge
Raymond Vito Accettura,
Wyckoff, N. J.
Bryan Adelman, Beachwood
Bernard Irwin Agin,
University Heights
Michael Andalora, Warren
Betty Jean Andreas, Worthington
David Stanley Andrews, Canfield
Lee Martin Ansel, Plainfield, N. J.
Gerald Mark Appel,
University Heights
Scott Louis Armstrong, Columbus
Stephen Alan Auld, Marion
Dennis Delbert Bailey, Cincinnati
Bruce Allen Baker, Columbus
Thomas Michael Baldwin, Bellbrook
Albert Martin Bandman,
New Brunswick, N. J.
Henry Felix Barbara, Detroit, Mich.
Michael A Barbee, Columbus
Charles Richard Barcus, Alliance
Floyd Lee Barker, Columbus
Rupert Nelms Beetham, Cadiz
David Clarence Beever, Shadyside
Craig Odell Bernius, Cincinnati
Robert Barnett Bickert, Dayton
George Clark Biehl, Canton
Peter Knox Bigelow, Columbus
Alec Paul Bigelson,
University Heights
David Leslie Bishop, Canton
Calvin Robert Block, Cleveland
Joshua Bertram Blumental, Vienna
John Fredrick Blust, Ashland
Roger Alan Boltz, Akron
Robert Michael Borowitz, Columbus
Dwight Harden Bowden, Mentor
Earl Alan Braun, Hamilton
James Edward Brawner, Jr.
Edgewood, Md.
Jack Edward Brown, Jr. Columbus
Thomas Edward Buck, Gallon
Robert Frederick Buckley,
Worthington
Victor Rudolph Bukowski, Jr.
Sylvania
John Michael Burke, Springfield
Michael Jay Burke, Toledo
Howard William Burnett,
Oklahoma City, Okla.
Lonnie LeRoy Burrows,
San Angelo, Tex.
Harry Joseph Caito, Bay Village
Larry Robert Caldwell, Worthington

Clair Myron Carlin, Youngstown
Thomas James Casey, Augusta, Ga.
Norman Earl Caune, Columbus
Phillip Edward Cebular, Mentor
Austin Saunders Chave, Wooster
James Ernest Choat, Akron
Alder Alexander Cikra, Doylestown
Mark Wesley Clark, Gahanna
Thomas Lee Clark, Lebanon
Jeffrey David Clingaman, Wauseon
Robert John Coggins, Bristol, Conn.
David Michael Cohen, Canton
Michael J. Cohen, Shaker Heights
Robert William Colby, Columbus
Robert Ralph Coleman, Dayton
Richard Paul Colvin, Kettering
Daniel Laurence Conner, Bremen
Joseph Patrick Conroy, Jr., Lakewood
Michael Dennis Conway, Columbus
Dennis Lee Crago, Poland
Thomas Foy Crawford, Canton
Johnny Creech, Hamilton
Stephen Francis Crist, Tiffin
Lynn Paul Dailey, Columbus
Robert Christopher D'Andrea, Lorain
Raymond Eric Dardinger, Columbus
John Charles Deal, Kenton
William Gourlay Deas, Cincinnati
Gary William Deeds, Columbus
David Page DeHayes, Columbus
Craig Denmead, Columbus
Leo William Dietlin, Columbus
David Donald Dilley, Columbus
David Roy Dodge, Cincinnati
Jason Donel, Hinckley
James Edward Dorman, Mansfield
Kenneth Oscar Drees, Sidney
Lawrence Anthony Drouhard, II,
Lakeville
Larry Joseph Earman, Eaton
Theodore George Ebelberger,
Columbus
Harold Roger Ellis, Obetz
Judson Brent English, East Liverpool
Robert Bruce Erwin, Dunkirk
Donald Eugene Evans, Worthington
Joseph Patrick Faila, Columbus
Elizabeth Sillins Fanta, Columbus
Bruce Theodore Fenstermacher,
Columbus
Stanley Mark Fenton, Cleveland
Lawrence Michael Fields,
Shaker Heights
David McDonald Finnell, Dayton
Jerry Petty Fisher, Columbus
Melvin Dennis Fisher, Columbus
Daniel Arthur Fitting, Columbus
James Fixler, Cleveland
David Robert Fortlage, Cleveland

Raymond Friedman, Cleveland
 James Lee Gainey, Columbus
 Joseph Howard Gallant, Delaware
 Marvin Wayne Gates, Canton
 Kenton Paul Gearhart, New Lebanon
 James Gregory Gerko, Byesville
 Donald Alan Gifford, Chagrin Falls
 Carol Ann Gilbert, Columbus
 Gregory John Glass, Bay Village
 James Robert Goodrich, Jr., Newark
 Edward Dean Goodyear, London
 Edward Francis Gosnell, Jr.,
 Chillicothe
 Ronald Stewart Gray, St. Clairsville
 Thomas Alvin Green,
 Williamsville, N. Y.
 Robin Howard Grieves, Columbus
 John Michael Griffin, Celina
 Jeffrey Bernard Gudenkauf, Columbus
 Gary Eric Gumz, Parma
 Marvin Gerald Gutter, Columbus
 Douglas Eugene Hager, Columbus
 Lee Eugene Hanna, Columbiana
 Dean Lee Harlamert, New Bremen
 Steve K. Hartzler, Westerville
 Richard William Hawkins, Springfield
 Richard Merrel Hayes, Middletown
 Stephen Henry Heinen, West Liberty
 Jack Hammack Hess, Mt. Vernon
 Dennis Michael Hewitt, Cincinnati
 Ronald Lee Hicks, Columbus
 Stephen Plummer Hildreth, Columbus
 Ray Edward Hill, Springfield
 Donald James Hilliker, Bellefontaine
 Lee Edward Hillis, Jr., Berlin Heights
 Randolph Stephen Hochstetter,
 Marion
 Deborah Lee Hornberger, Celina
 David Allan Hostetler, Wakeman
 Ronald Raymond Hunt,
 Park Ridge, N. J.
 Thomas Paul Hyle, Lancaster
 Randall Carl Ingold, North Canton
 Edgar Grey Ingraham, Edinboro, Pa.
 Kenneth Lee Irvin, Williamsburg
 Ronald Warren Jayne, Bryan
 David Blair Jemison, Reynoldsburg
 Phyllis Anne Johnsen, Cincinnati
 Timothy Alan Jones, Montpelier
 Toby Jo Kahn, Columbus
 Larry John Kasper, Springfield
 David Louis Kellar, Berlin Heights
 Stephen Curtis Keller, Attica
 Thomas John Kelley, Columbus
 Everett Skaryd Kimball, Lyndhurst
 Richard Allen Kirtz, Youngstown
 Andrew Steven Klatskin,
 Staten Island, N. Y.
 Richard Jeffrey Kline, Akron
 Lawrence Joseph Knapp, Portsmouth

Kenneth Allen Koetz, Columbus
 John Joseph Kohout, Lyndhurst
 Stephen Franklin Korhn, Defiance
 Craig Lee Kronewitter, Itasca, Ill.
 Ronald Martin Kuck, St. Marys
 James Herman Kuhn, Newark
 Celia Thieu-Luong Lam,
 Chonlon, South Vietnam
 Robert William Lampus, Rocky River
 Donna Ann Lancaster,
 Brookfield, Wis.
 Robert Linden Larson, Granville
 Barry Robert Lathan, Peterson, N. J.
 Fred William Laubie, Lebanon, Tenn.
 Michael John Lauffer, Columbus
 James Scott Leas, Cincinnati
 Nancy Gwen Lecklider,
 Indianapolis, Ind.
 Gary James Lehman, Garfield Heights
 James Harold Levine, Columbus
 Robert Preston Lias, Moreland Hills
 Carolyn Jo Lilley, Columbus
 Bruce Michl Lloyd, McConnelsville
 Kenneth Rolland Lloyd, Columbus
 Frederick Ellsworth Long, Wooster
 David Roger Loveless, Worthington
 Lester Marc Lubitz,
 University Heights
 Sallie Ann Mack, Chicago, Ill.
 Vincent Earl Majewski, Kirtland
 Jeffrey Neal Marks, Canton
 Lawrence Markworth, Fairview Park
 John Leslie Marshall, Kettering
 Joseph Richard Matson, Tipp City
 Louis Anthony Matyas,
 Hicksville, N. Y.
 David Joseph Maul, Cuyahoga Falls
 David Keith Maxton, Vandalia
 Richard Noel Maxwell, Columbus
 James William McCarthy, Ironton
 Charles Lewis McCulloch,
 Rushsylvania
 Larry Lee McDaniel, Columbus
 Michael Anthony McGrath, Toledo
 John Clark McJunkin, Columbus
 Stephen Michael McLaughlin,
 Cincinnati
 John Leslie McLean, Ashtabula
 Gregg McMunn, Kearny, N. J.
 Joseph Robert McNeil, Fostoria
 John Glenn McWilliams, Galion
 Dennis Dean Meadors, Dayton
 Harold Joseph Miksch, Bellefontaine
 Michael Allen Milarcik, Tippecanoe
 Alan Gregory Miller, Cleveland
 Clifford Neil Miller,
 Cleveland Heights
 John Eric Miller, Toledo
 Robert Stevenson Miller,
 Rochester, N. Y.

Frederick Earl Mills, Fostoria
 Stephen Richard Mittleman,
 South Euclid
 Richard Charles Mizer, Grove City
 John Robert Mohr, Hillsboro
 Bryon Joseph Mollica, Columbus
 Joan Elizabeth Molloy, Worthington
 James Alan Monjot, Rocky River
 Paul Stanley Morrison, Cleveland
 Michael Charles Mullin, Columbus
 Kenneth Alan Mulock, Rocky River
 Robert Warren Murphy, Jr., Reno
 Scott Willard Murphy, Mansfield
 Stephen Rees Mushrush, Columbus
 Gregory James Neal, Columbus
 Richard Henry Nesz, Akron
 Harry Davis Newton, Cambridge
 William Henry Ney, Cleveland
 Norman Allen Nieminen, Geneva
 James Eugene Norris, Grove City
 Robert Stanley Nussbaum, Orrville
 John Douglas O'Connell, London
 Gary Lee Orf, Columbia, S. C.
 Lance Dana Osmon, Tiffin
 James Nelson Overholser, Kettering
 Edmund Harrison Oxley, Cincinnati
 Richard Dennis Palmer, Cleveland
 Tod Michael Parker,
 University Heights
 David Hollick Parsons,
 West Hartford, Conn.
 Martin A. Passman,
 Massapequa, N. Y.
 Linda Ann Petzler, Monroeville, Pa.
 Joseph John Polis, Columbus
 William Joseph Polkovitch, Hubbard
 Fred Wayne Pomerantz, Queens, N. Y.
 William Price Powell, Dayton
 Peter Preis, Yellow Springs
 Timothy Samuel Radabaugh, Newark
 Gary Afton Rae, Delaware
 Bud Morgan Ramsey, Columbus
 James Alan Ransweiler,
 Cuyahoga Falls
 Robert Jeffrey Reed, Galion
 Robert Joseph Reineck, Sylvania
 Randolph Royce Reynolds, Columbus
 Betsy Ann Richards, Portsmouth
 David Kennedy Riley, Celina
 Donald Lee Ritzhaupt, Galion
 Michael Stephen Robb, Zanesville
 Patrick Michael Rouchford, Akron
 Thomas David Rosh, Marion
 Kenneth Gilbert Ruby, Massillon
 Brooke Allan Saladin, Lorain
 Bruce Jay Schnabel,
 Williamstown, W. Va.
 Craig Eric Schneider, Canton
 Thomas Dale Schroeder, Columbus
 Ronald Eugene Schwaderer, Marion

Mark John Schwarb, Cincinnati
 Tom David See, Columbus
 Ronald Edward Seifley, Mansfield
 Judith Irene Seitz, Galion
 Paul Douglas Semones, Columbus
 Richard Jay Shapiro,
 Long Branch, N. J.
 Michael William Shea, Toledo
 Robert Alan Sheetz, Columbus
 Ronald Allen Shidaker, Wilmington
 Robert David Sholiton, Dayton
 Ersel Omar Shrider, Jr., Lancaster
 Gordon Pearce Shuler, Cincinnati
 Denis Gerard Simon,
 West Portsmouth
 Samuel Silas Skidmore, Cincinnati
 Leigh Emerton Sleeper, Newport, R. I.
 David Roy Smith, Cincinnati
 Gary Thomas Smith, Columbus
 Dennis Lee Snyder, London
 Larry Michael Solove, Columbus
 John Robert Spear, Sugarcreek
 Frederick Louis Sprankle, Columbus
 Jean Ann Staudt, Akron
 Ronald Frederick Steigmeier,
 Middleburg Heights
 George Steve Stevens, Cleveland
 James Edward Stickney, Shelby
 Roberta Kathryn Story, Lowell
 Allen Lee Strainic,
 Richmond Heights
 Edward Stanley Stransky, Jr., Lorain
 Nicholas K. Stravelakis, Columbus
 Frederick Eugene Strayer,
 Portsmouth
 Steven Arthur Stuckert,
 Washington C. H.
 Robert William Sweeney, Steubenville
 Lynn Ellis Swisher, Columbus
 Paul Sydorenko, Parma
 John Anthony Szabo, Columbus
 Hal Paul Teitelbaum,
 East Orange, N. J.
 Gary Don Temple, Dayton
 Matthew Richard Thomas,
 Fairport Harbor
 William Eugene Thomas, Jr.,
 Grove City
 Stephen John Tyde, Columbus
 Howard Irwin Ullis,
 University Heights
 Richard Harvey Underwood,
 Columbus
 Joe Dale VanWagner, Lima
 Vonna Syvett Wallace, Columbus
 Donald Bruce Walter, Canfield
 Roger Edwin Walters, Grove City
 John Reed Walton, Reading
 Roger Llewellyn Walton, Gambier

William John Warth, North Canton
 Steven Carl Wendell, Newtown
 Dennis Wayne Wesney, Columbus
 Frederick Smith White, Dayton
 John Arthur Whittle, Galloway
 Michael Owen Wiebusch, Columbus
 Gary Lee Wilhelm, Glen Ellyn, Ill.
 William Joseph Wilhelm, Columbus
 Cameron Lee Williams, Worthington
 Robert Hysell Williams, Rittman
 Christine Ellen Wilson, Coshocton
 Russell Allen Wolford, Columbus
 Martin Owen Wolinsky,
 Forest Hills, N. Y.
 Robert Dewitt Woodruff, Tiffin
 James Allen Woodward, Parma
 David Lee Wright, Portsmouth
 Richard Joseph Wuebker, St. Henry
 John Charles Wurst, Lima
 Richard Douglas Yoakem, Columbus
 Patrick Terry Young, Columbus
 Thomas Andrew Young, Worthington
 Jonathon Scott Younker, Gibsonburg
 Wayne Alan Zavotka, Parma Heights
 John Wolcott Zeiger, Tallmadge
 Gary Marvin Zelizer, Columbus
 Raymond Jeffrey Zettler, Columbus
 John Allen Zinszer,
 Stoney Creek, Ont., Canada

School of Social Work

Bachelor of Science in Social Welfare

Sixty-eight candidates

Mildred Miyoko Asano,
 Honomu, Hawaii
 George Andrew Bahr, Oberlin
 Shirley Bandman, Columbus
 Carole Sue Barmash, Lancaster
 Betty Kay Baughman, Marysville
 Miriam Sylvia Becker, Shaker Heights
 Pauline Agnes Blecha, Oak Lawn, Ill.
 Roberta Gail Borden,
 Cleveland Heights
 Mary Jill Boxell, Maumee
 Rebecca Susan Boyd, Marion
 Patricia Ann Brady, Lakewood
 Theresa Jean Brigham, Columbus
 Kathleen Rose Brownfield, Grove City
 Marcia Joyce Bruce, Columbus
 Annette Marie Brucoli, Youngstown
 Lynn M. Caraff, Brooklyn, N. Y.
 Connie Lee Carleton,
 Burtonsville, Md.
 Joseph Thomas Carmichael, Jr.
 Reynoldsburg
 Ilene Beth Cooper, Verona, N. J.
 Suzanne Jane Deakin, Toledo
 Corrine Ann Deardorff,
 New Philadelphia
 John Marshall Ford, Springfield
 Carol Ann Frankowiak,
 East Aurora, N. Y.
 Linda Kay Friedman, Buffalo, N. Y.
 Harriet Elyse Gingerich, Portsmouth
 Michele Ann Goodrich, Columbus
 Betsy Marcia Greenberg,
 Cleveland Heights
 John Louis Hammill, Lima
 Linda Kay Hawthorne, Springfield
 Joan Louise Heal, Bellevue
 Marilyn Lee Hill, Dayton
 Susan Jane Hopkins, Dayton
 Carol Sue Hoyda, Columbus
 Ruth Ann Huber,
 South Charleston, W. Va.
 Marilyn Isroff, Shaker Heights
 Janine Anne Joines, Levittown, Pa.
 Nancy Ann Kahnweiler,
 Highland Park, Ill.
 Soneta Eudyce Levine, South Euclid
 Elizabeth Mae Lorey, Mt. Vernon
 Cheryl Brynn Mattingly, Mansfield
 Donna Marie Monahan,
 Broadview Heights
 Sharon Louise Motter, Kenton
 Nancy House Moulton,
 East Aurora, N. Y.
 Loretta Lillian Mumm, Columbus
 Susan Elyse Olian, Plainfield, N. J.
 Susan Ellen Pelz, West Richfield
 William Freeland Phillips, Dayton
 Mary Sherman Raabe, Columbus
 Sally Ann Reese, Cleveland
 Bonnie Rae Rosenthal, Akron
 Judith Lynn Shapiro, Akron
 Betty Jean Shaw, McConnelsville
 Sandra Livengood Shope, Barberton
 Eve Sandra Shuchat, Sidney
 Gwyneth Spafford Shute, Columbus
 Carolyn Tucker Smith, Mt. Vernon
 Janet Louise Stueve, New Bremen
 Juliet Kathleen Taylor, Worthington
 George Rivers Thompson, West Union
 Gail Elizabeth Todd, Dayton
 Jane Ellen Vogelmeier, Newark
 Jacquelyn Joan Warner, Beaverdam
 Marie Lawless Webster, Columbus
 Mary Rowland Weinstein, Alliance
 Linda Carol Westerman, Columbus
 Roberta Lynne White, Worthington
 Sheila Jean Winters, Loudonville
 Laurence William Witt, Grafton

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Two hundred and twenty-one candidates

Howard Thomas Albin, Columbus
William Andelman, Washington, D. C.
William Austin Anderson, Columbus
William Howard Anderson, Wooster
Stanley Lester Bahmer, Coshocton
Lester Eugene Barnhart, Springfield
William Carl Bates, Newark
Paul Wayne Beach, Fleming
Thomas Edwin Beam, Wilmington
Donald Edward Becker, Jr.,
Beach City
Brooks Fowler Beery, II, Mt. Sterling
Leon Merl Beery, Logan
Frederick Keith Bell, Frazesburg
Raymond Earle Bell, Jr.,
West Islip, N. Y.
Kathleen Ann Betts, Andover
Marilyn Dee Blanck, Cincinnati
Gene William Borton, Wauseon
Thomas Brent Bowman,
Plainfield, Ind.
Douglas Lyle Box, Grand Rapids
Jimmie Lee Brandt, Anna
Stephen Lee Brookover, Manchester
Richard Edmund Buchy, Greenville
Wesley Wayne Burgett,
Hammondsville
Jan Allan Burkhard, West Unity
William Henry Burton, Jr.,
Forest Hill, Md.
Gordon Lee Butler, Vienna
Gary Dean Butts, Mt. Sterling
Harold Noble Campbell,
North Jackson
Richard Charles Christenson, Fayette
Dale David Chuha, Wellington
David Oliver Cleaver, Mt. Pleasant
Gary Lee Clemons, Cincinnati
Steven Henry Cole, Loveland
David Lawrence Collier, Hubbard
Duane Ross Crego, Grove City
Donald Paul Creviston, Ridgeway
Carmen L. Cummins, Pioneer
Donald David Cunningham, Caldwell
Jerome Christopher Cunningham,
Fremont
Kenneth Lee Curtis, Wilmington
James David Dean, Geneva
Jack D. Debolt, Croton
Robert Eugene Deis, Dayton
Jacqueline Lee Doering, Seven Hills
Richard Robert Doesburg, Lyndhurst
Curtis Russell Eikenberry, Arcanum
Henry Sylvester Elchert, New Riegel
Robert Allen Endebrock, Columbus
Larry Allen Endsley, Coshocton
Roger Eugene Everett, Mt. Vernon

Stephen Wade Federle, Waynesville
Mark Merwin Feusner, Columbus
Sondra Caroline Flick, Batavia
Bakon Gwanle Fompun,
Via Jos, Nigeria
John Rand Foraker, Adamsville
James Edward Gall, Springfield
Thomas Alphonse Gerding,
Ft. Jennings
William Martin Gesel, Dayton
Patricia Louise Gibbs, Fremont
Larry Roger Gortner, Wooster
Patrick Wadsworth Grapevine,
Wilmington
Frederick Louis Green, Weston
Michael Dennis Gregg, Fredericktown
Larry Conrad Grener, Hilliard
Charles Theodore Grimes, Troy
John Harold Grimes, II, Clinton
David Marion Hall, Galion
Richard Lewis Harris, Wakeman
Stanley Edwin Hartman, Wooster
Timothy Nathaniel Hartsock,
Chillicothe
Joseph John Hauryski,
Campbell, N. Y.
Richard William Heilmann, Waterville
Arthur Dean Henderlong, Creston
Thomas Henry Herdt, Blacklick
Janet Mary Hesselbrock, Loveland
Lee Roy Heston, Kensington
Roger Norman Hicks,
Canal Winchester
John Folger Hilt, Jr., Springfield
Allen Rowe Holland, Kenton
William Lee Hora, Farmersville
Richard Clayton Horn, Bellevue
David Michael Hornung, Mansfield
Ronald Leonard Horstman, Cloverdale
Steven Eric Houchin, DeGraff
Philip Edward Hulse, Fredericktown
Danny Eugene Humphrey, Johnstown
Terry Lee Hundley, Eldorado
J. Richard Isler, Prospect
Jack Lawrence Johns, Jr., Cincinnati
Eric Charles Johnson,
North Lewisburg
Joel Edmund Kaiser, Lakewood
Jeffrey Robert Kallgren, Mansfield
John Louis Keller, Elyria
Mary Constance Kelley, Worthington
Michael LeRoy Kiehl, Ada
James Roy Kiracofe, Lima
John Michael Klein, Cincinnati
James Elmer Klett, Cheviot
Paul Anthony Kneuen, Mason
Anar Ladha Kotadia,
Dar-Es-Salaam, Tanzania
Thomas Anthony Kremer, Versailles
Gary Robert Krone, Elyria

Jo Philip Kruckeberg, Palestine
Wayne Allen Kurzen, Dalton
Michael Eugene Kuszmaul,
Perrysburg
*Robert Lee Lautzenheiser,
East Canton
Gary James Lee, Marysville
Jim Edward Lenick, Mansfield
Jeffrey Allen Logan, Mt. Gilead
Larry Duane Lotz, Waynesburg
Maurus Evan Mallory, Cincinnati
Larry Thomas Mangan, Jamestown
James Val McClure, Washington C.H.
Dennis Eugene McCoppin, Greenfield
James Richard McDonald, Bowersville
Gary Morris McDowell, Winchester
Robert Charles McEvoy, Wapakoneta
David Cook McGrew, Lucas
Dale Eugene McQuillen, Shiloh
*John Ruskin Mehaffey, Cambridge
†Ronald Arthur Meier, Perrysburg
Robert William Messmore, Columbus
Roger Allen Metz, Marion
Bernard Marion Meyers, Hillsboro
Edward Lewis Mihevic, Painesville
Douglas Joel Miller, Prospect
John Ray Miller, Rockford
Sonja Kay Miller, Mt. Vernon
Tom Lee Moherman, Ashland
Thomas Paul Mollenkopf,
East Palestine
John William Moody, Fredericktown
Douglas Lee Moore, Pierpont
Glenn Allen Moore, Cincinnati
Bruce Martin Moyer, Massillon
Thomas C. Moyer, Arcadia
Richard Albert Mueller, Brecksville
Michael Lynn Musgrave, Arlington
Dale James Nagel, Wauseon
Ronald Elmer Neill, Bellevue
Richard James Newlon,
New Lexington
Keith Allen Nowels, Loudonville
Edward Akpolawhe Obiuewbi,
Warri, Nigeria
Ernest Frank Oelker, Urbana
Kenneth Ray Olson, Jefferson
James Walter Orr, Apple Creek
Joseph Robert Overholt,
Fredericktown
Frederick Walter Owen, Homerville
David Robert Owens, Jeffersonville
William Oscar Packer, Adena
Karen Kaye Parks, Dayton
Wayne Pierce Parrish, Felicity
Sharyn Lee Parsons, Willoughby
Jay Bryan Penick, Hebron

†Also Master of Science, Graduate School

*Also Doctor of Veterinary Medicine,
College of Veterinary Medicine

Nancy Jane Perks, Springfield
 James Henry Perry, Vickery
 John Thomas Phalen, LaGrange
 Ted Thomas Pohlmann, Defiance
 Stanley Bruce Pollack,
 Irvington, N. J.
 John Collins Potter, Delaware
 Terry Clayton Priest, Newark
 Bruce Allan Ramsey, Butler
 Darrell Wayne Ramsey, Ridgeway
 David Thomas Reynolds, Wayne
 Brent Eugene Rhoads, Circleville
 Donna Francine Robbins, Cleveland
 Martin James Roe, Lowell
 Jeremy James Rohrs, Napoleon
 David Lee Rosebrook, Toledo
 Byron Eugene Ross, Lima
 Thomas Clyde Ruetenik, Williamsfield
 David Allen Runyan, Urbana
 Charles Andrew Sauer, Amelia
 John Edward Scherr, Caldwell
 Joseph Lawrence Schmidt, Swanton
 Charles Henry Schnabel, Litchfield
 Joseph James Schwartz, Clifton
 †Don Delbert Sharp, Jr., Amanda
 Philip Michael Shirden, Clarksville
 James Nelson Shives, Jr., Bradford
 John Raymond Shoe, DeGraff
 Larry Walter Short, Wauseon
 David Edward Shreiner, Millersburg
 Howard James Siegrist, Dresden
 Neil Arthur Smith, Bellefontaine
 Patrick Carson Smith, Waynesville
 Stephen Dale Smith, Edon
 Harold Leon Snyder, Marion
 Timothy Jay Sonnenberg, Holgate
 Duane Paul Sponsler, Marysville
 Paul Larry Sprankle, East Canton
 James Ivan Stitzlein, Ashland
 Jeffrey Lynn Stober, Holgate
 Sharon Marie Storts, Columbus
 Dennis William Strohm,
 New Washington
 Steven James Stuckman, Bucyrus
 Tad Allen Sullivan, Columbus
 John Emerson Swartzel, Waynesville
 David George Tedrow, Delta
 Douglas Mitchell Totten, Allentown
 Don Eugene Treier, Bloomdale
 Richard Dee Trogdon, Rittman
 Augustine Tony Urunden,
 Sapele, Nigeria
 Ronald Kenneth Vlasak, Seven Hills
 Harold Irvin Wahl, Jr., Castalia
 Richard Peter Walhout,
 Muskegon, Mich.
 Dennis Howard Warner, Lakewood
 James Tilton Warren, Dexter City
 Paul Duane Wasson, Bloomdale

Wendell Lanae Waters, Fresno
 Stanley Gessner Watson, Fremont
 Ronald Ray Wenning, Celina
 Richard Joseph Wensink, Monroeville
 William Alan Wentz, Kenton
 Steve Ricky Westall, Findlay
 *Penny Maurine Westenbarger,
 Lancaster
 Ricki Asia Whitacre, Beverly
 Kenneth Earl Whitmire, Delta
 Christopher John Wolf,
 Mechanicsburg
 John Robert Yakos, Van Wert
 John Robert Young, Akron
 Loren Jones Young, Bremen

Bachelor of Science in Dairy Technology

Four candidates

Roger William Becker, Defiance
 Dennis Michael Frank, Louisville
 Thomas Edward Roth, Fremont
 Marvin Joseph Stammen, St. Henry

Bachelor of Science in Food Technology

Four candidates

Ronald Wilbur Gould, Worthington
 Carol Ann Guthell, Lockbourne
 Lawrence Alan Johnson, Wooster
 Ronald Edwin Puestow, Oak Harbor

School of Home Economics

Bachelor of Science in Home Economics

Ninety-six candidates

Janet Friedman Abromowitz,
 Columbus
 Sondra Joyce Basinger, Pandora
 Nancy Lou Benedict, Columbus
 Janice Elaine Bohlender, Erie, Pa.
 Margaret Jean Brissenden, Columbus
 Lauren Helen Brothers, Rocky River
 Sarah Bruns, Huron
 Linda Marie Byrne, Mentor
 Susan Jayne Christine,
 Washington, N. J.
 Catherine Marie Clark, Gallipolis
 Patricia Kay Conner, Columbus
 Ruthanne Shaver Cook, Columbus
 Donna Louise Craft, St. Marys
 Julie Ellen Crall, Shelby

Marilyn Sue DeBellis, Columbus
 Ann Elizabeth DeWitt, Columbus
 Patricia Ann DiBenedetto,
 Bay Village
 Mary Lou Dusek, Bay Village
 Edith Corder Ewell, Columbus
 Caroljo Friedman, Cincinnati
 Jane Ellen Garvick, Mansfield
 Linda Sue Gross, Plainfield, N. J.
 Emily Carol Guckenberger, Hamilton
 Bonnie Baker Haller, Coshocton
 Suzanne Holman, Flossmoor, Ill.
 Hermina Huy, Fremont
 Annette Jackson, Powell
 Ellen Lee Jenkins, Circleville
 Helene Joel, Pittsburgh, Pa.
 Suzanne Kay Joliff, Columbus
 Diane Clare Kase, Brecksville
 Barbara Helen Kay, Willoughby
 Joyce Elaine Kirby, Crestline
 Diane Marie Knapp, Columbus
 Susan Ann Knasel, Anna
 Phyllis Kay Leatherman, West Salem
 Cathy Harriet Loshin,
 Riverdale, N. Y.
 Judith Mae Loveland, Chardon
 Marjorie Ann Loy, Bucyrus
 Shirley Ann Manwaring,
 Maple Heights
 Judith Wellman McCauley, Columbus
 Carole Sue McClintick, Springfield
 Linda Ann McFadden, Columbus
 Pamela Ann Mikolajewski, Piqua
 Lois Irene Miller, Dundee
 Judith Kay Minnick, Middlefield
 Karen Louise Minute,
 North Ridgeville
 Rita Jay Montoney, Columbus
 Patricia Elene Moriarty, Columbus
 Margaret Carma Natoli, Columbus
 Suzanne Margaret Newcome, Dayton
 Linda Arlene Nicholls, Mansfield
 Rebecca Nyika, Umtali, Rhodesia
 Charlotte Matilda Orthoefer, Gahanna
 Catherine Anne Pasek, North Royalton
 Marilyn Henne Patrick, Columbus
 Karen Davis Patterson, Lima
 Carol Sue Pemberton, Columbus
 Mary Beth Pennak, Cincinnati
 Donna Lee Peterseim, Columbus
 Karen Lynn Randle, Cleveland
 Cynthia Louise Reeder,
 Pittsburgh, Pa.
 Mariellen Reynolds,
 West Redding, Conn.
 Ann Marie Rittenhouse, Hillsboro
 Sharon Gay Rudner, Canton

†Also Master of Science, Graduate School
 *Also Doctor of Veterinary Medicine,
 College of Veterinary Medicine

College of Dentistry

Dean: John R. Wilson

Margaret Kendig Sadelfeld,
New Carlisle
Paula Joyce Schoen, Flushing, N. Y.
Sharon Ann Seaman, North Olmsted
Marjorie Saltzgaber Seiss, Ashland
Pamela Marie Shaw,
Pearl River, N. Y.
Glenna Sue Smith, Columbus
Mary Elizabeth Smithberger,
Columbus
Gayle Cathy Smoker, Mentor
Mary Mizer Sommers, Stone Creek
Suzanne Marie Sommers, Columbus
Carol Ann Sosnowchik, Twinsburg
Judy Ann Stacy, Columbus
Cheryl Diane Starnier, Logan
Sharon Fahncke Stonerock, Celina
Catherine DeRose Sweet, Olean, N. Y.
Joycelyn Kay Thayer, Columbus
Diane Kay Thomas, Circleville
Linda Ball Tucker, Worthington
Roxanne Ulmicher, Cleveland
Dianne Marie Walsh, Oregon
Mary Alice Ward, Mt. Vernon
Marilyn Jean Ware, Beloit
Maxine Sussman Wasserman, Akron
Carolyn Louise Weinberg,
New Bremen
Ellen Linda Wells, Coshocton
Mary Jane Werst, Springfield
Nancy Kay Winegardner,
Belle Center
Dianne Elizabeth Wingfield,
Richmond, Va.
Joyce Ann Yake, Columbus
Cinda Jill Yarger, East Sparta
Jill Ann Young, Columbus

Bachelor of Science in Restaurant Management

Two candidates

Jean Wootton Kincaid, Johnstown
Mary Scarborough Richards,
Columbus

Doctor of Dental Surgery

One hundred and thirty-one candidates

William Ray Adams, Fairborn
David Roy Adelstein, Shaker Heights
Dale Michael Anderson, Ashland
Gary Dickson Armbrrecht, Avon Lake
A.B. (Case Western Reserve
University)
Kenny Edmund Arnold, Vincent
Alfred Thomas Bachman,
North Royalton
Gilbert Russell Backus, Jr.,
Youngstown
B.A. (Kenyon College)
George Anthony Barone, Cleveland
A.B. (Case Western Reserve
University)
Charles Wesley Beal, Bucyrus
Joseph Victor Bean, Hamilton
B.A.
Alexander Bohdan Berest, Lakewood
B.A.
Richard Elias Betor, Fairview Park
B.S. (Ashland College)
William Paul Betor, Fairview Park
B.S. (Ashland College)
Harold Hubert Biddle, Westerville
Barry Stuart Blank, Columbus
Darrell Craig Blumer, Dayton
Donald James Bookman, Cincinnati
Robert Edward Brewka, Cleveland
A.B. (University of Notre Dame)
George Grant Brown, II, Bryan
B.S.
Robert Stanley Burke, Jr., Defiance
B.S. (Ohio University)
Donald Marshall Burkholder, Geneva
Kenneth William Burman, Cincinnati
B.S. (Xavier University)
Lee Mark Butler, Columbus
B.A.
John Robert Campbell, Belle Center
B.S. (BowlingGreenState University)
Charles Henry Cardone, Lima
B.S. in Phar. (University of
Cincinnati)
Robert Thomas Cawrse, Bay Village

Roger Eugene Clark, Cincinnati
B.A.
William Scott Clayton, II, Eaton
Frank Michael Clement, Parma
John William Clifford, Columbus
B.A.
Michael Paul Clouse, Jr., Somerset
Marvin David Cohen, Akron
B.S. (University of Akron)
Blaine Harris Conrad, Jr., Akron,
B.A.
William Franklin Cooper, Alliance
B.S.M.E. (Ohio University)
William Edward Coyne, Dayton
Wade Taylor Davis, Newark
George Franklin Day, Granville
B.A. (Syracuse University)
Lawrence DeMarco, Cleveland
B.S. (Xavier University)
Bernard Jay Dennison, Columbus
Anthony Charles Derrick, Cincinnati
Edgar Selah Downs, III, Worthington
Robert Ellsworth Eckstein,
Chagrin Falls
James Lewis Emerson, Miami, Fla.
B.A., B.S. (Rollins College)
James Allen Engle, Akron
B.S. (University of Akron)
David Delano Feuer, Rocky River
B.S. (Ohio University)
Wayne Lee Fisher, Brookville
Richard LaVern Fletcher, Orrville
Rodney Noah Foster, East Cleveland
B.S.
William Edward Foster, Kettering
Charles Robert Frost, Williamsburg
B.S.
David Stewart Fuller, Marion
A.B. (Miami University)
Thomas Edward Fulton, Fairborn
George John Gardinsky, Jr., Buffalo
B.S. (Ohio University)
Robert Dale Gear, Parma
John Huebner Gehring, Toledo
A.B. (Miami University)
Gary Lewis Giammarco, Steubenville
B.S.

Gerald George Gille, II, Dayton
 James Harry Gilsdorf, Canton
 Bruce Alan Goldman, Youngstown
 A.B. (Youngstown University)
 Alan Leslie Grimm, Waterville
 Joseph Andrew Haase, Roanoke, Va.
 Oliver Martin Hackett, Lakewood
 B.S. in Phar.
 Ronald Hecker, Akron
 B.A.
 Alven Lee Herstig, South Euclid
 P. Thomas Hiser, Oswego, N. Y.
 Richard Stockton Hoadley, Napoleon
 B.A. (William Penn College)
 Allen Earl Hoefft, Oregon
 Randal Bonner James, Dayton
 B.S. (Denison University)
 Frank Joseph Jerome, Jr., Lakewood
 B.S.
 Ralph Charles Karlovec,
 Shaker Heights
 B.S.
 Lawrence Frederick Kassouf,
 Shaker Heights
 B.A. (Hiram College)
 Richard Dale Katnik, Cambridge
 Barry Steven Kayne, Columbus
 Robert Paul Keenan, Jr., Mt. Vernon
 John Thomas Kennard, Green Camp
 B.S. (United States Naval Academy)
 William Edward Kennedy, Cincinnati
 Jack Elliot King, Kettering
 Miriam Stephanie Kinsler,
 Cleveland Heights
 August Kokal, Jr., Cincinnati
 B. of Ch.E. (Georgia Institute of
 Technology)
 Ronald Jewel Kowan, Shaker Heights
 Jeffrey Allen Kurtz, South Euclid
 Robert Allen Laird, Coshocton
 George Allen Langa, Euclid
 Jon Philip Larson, Wadsworth
 William Albert Lee, Jr., Cadiz
 B.A. (Kent State University)
 Jack Eldred Luce, Ashtabula

Donald Dennis Mardis, Dayton
 B.S. (University of Dayton)
 Paul Michael Martin, Mentor
 Denby Schuyler Matthews,
 Cuyahoga Falls
 B.S.
 John Frederick Mautz,
 Cleveland Heights
 B.S. (Capital University)
 Joseph Brent Meckler, Beachwood
 Don Robert Miller, Columbus
 B.A.
 Charles Fletcher Mohaupt,
 Cuyahoga Falls
 George Emerson Moore, III,
 Worthington
 Dennis Lee Myers, Akron
 B.S.
 Robert Richard Namay, Millbury
 B.S. (Ohio University)
 Norman Charles Neeley, Lancaster
 B.A. (Ohio Wesleyan University)
 Steven Douglas Nemicic, Middletown
 B.S. (Ohio University)
 Terrance Martin O'Neill, Cincinnati
 Morton Lewis Orchin, Cincinnati
 Donald John Palenshus, Bucyrus
 B.S.
 Ronald Joe Palenshus, Bucyrus
 B.S.
 Jerry William Parsons, Dayton
 B.S. in Bus. Adm.
 William David Paulus, Lyndhurst
 James Frederick Peters, Alliance
 B.A. (Kent State University)
 Richard Henry Pinsky, Akron
 A.B. (Case Western Reserve
 University)
 Gary Clifford Reich, Westerville
 Charles Richard Roof, Springfield
 Stephen Gale Roush, Lima
 John Francis Rudge, East Palestine
 B.A. (The College of Wooster) ; B.S.
 Ignatius Louis Russo, Cleveland
 B.S.
 Dennis Ernest Savoca, Cleveland
 B.S. (Bowling Green State University)
 Ralph Thomas Scheer, Lima
 B.S. (Heidelberg College)

William Robert Schumacher,
 Cincinnati
 B.S. (University of Cincinnati)
 Roland Gene Smellie, Columbus
 Robert Simmons Smith, Jackson
 B.S. (Ohio University)
 Thomas Alford Snashall, Columbus
 Jeffrey Joseph Staskiewics, Elyria
 B.S. (Ohio University)
 Earl Douglas Steinhoff, Cleveland
 B.A.
 Fredric Dale Stevens, North Canton
 A.B. (Colgate University)
 Edward James Sullivan, Cleveland
 B.S. in Phar.
 Christopher Perry Swartz, Marion
 James Robert Tallbacka, Ashtabula
 B.S. (Ohio University)
 Daniel Edward Tarr, Mingo Junction
 Thomas James Thompson, Cincinnati
 B.S. in Pharm. (University of
 Cincinnati)
 Robert Carl Vessels, New Concord
 B.S. (Ohio University)
 David Scott Weaver, Toledo
 B.S. (University of Toledo)
 William Karl Weber, Akron
 Raymond Wade White, Coshocton
 Howard Joseph Williams, Cleveland
 Daryl Emerson Woodard, Springfield

Certificate of Graduate Dental Hygienist Sixty-seven candidates

Cheryl Lynn Baker, Toledo
 †Carolyn Weber Belden, Columbus
 Sharon Sue Bollenbacher, Rockford
 †Ann Hathaway Brennan, Columbus
 Sharon Paula Broadwater,
 Reynoldsburg
 †Caroi Ann Brunhoefer, Worthington
 Luella Angela Chitwood, Sylvania
 Claudia M Dongress, Willowick
 Deborah Dee Dusseau, Toledo
 Leslie Kay Dutton, Rocky River
 Sharon Paula Dwoskin, Akron
 Linda Lee Ellis, Dublin
 Randee Durtschi Euliss, Galion

†Also Bachelor of Arts, Colleges of the Arts
 and Sciences

College of Education

Dean: Luvern L. Cunningham

Jacqueline Lea Fagerstrom, Ashtabula

†Karen Roxanne Frankel, Toledo

Frances Jane Fravel, Columbus

Shirley Rachelle Frum,

Cleveland Heights

†Sharon Lee Grable, Dayton

Sandra Jean Greene, Dublin

†Cheryl Ann Grosso, Mansfield

Cynthia Jane Grubbs, Wintersville

Candace Lea Harris, Columbus

†Helen Jane Hatcher, Columbus

Charlyn Lee Haudenchild,

Cuyahoga Falls

Marilyn Jayne Hausner, Cincinnati

Kathy Hall Hull, Delaware

Carol Ann Huttenlocher, Huron

Yvonne Helen Jhona, Canton

Sherrill Ann Kanney, Milan

Deborah Lee Kinsey, East Liverpool

Linda Bea Kirschenbaum, Cleveland

Sylvia Lynp Kniess, Kettering

Connie Mast Loke, Genoa

Carla Bahr Manning, Columbus

Marilyn Elizabeth Marcey, Medina

Kay Cottingham McCormick,

Columbus

Kathleen Conley Moore, Akron

Carma Sue Morehart, Akron

Ann Elizabeth Morgan, Gallipolis

†Yvonne Lynn Napier, Cincinnati

April Lynne Osborn, Columbus

Brenda Joy Ostermann, Miamisburg

†Judith Pritchard Pausch,

Uhrichsville

Delaura Kae Peaslee, Crestline

Sallie Elaine Rase, Wheelersburg

Carol Jean Richardson, Kettering

Bonni Lynn Rickey, Circleville

Marsha Anne Rozelman, Cleveland

Ellen Jane Rupp, Worthington

Dorothy Jayne Sandusky, Gahanna

Doris Emma Schweinhagen, Defiance

Gail Ann Schwetz, Sylvania

†Lois Jacobs Sechler, Cincinnati

Marilyn Janis Shell, Columbus

Nancy Jean Siders, Van Wert

Carol Deitrick Sines, Columbus

Stacy Anastasia Skopelitis,

Trenton, N. J.

Sandra Lee Sunseri, Grove City

†Regina Mary Swanson, Lansing, Ill.

Kathy Elaine Swearingen, Granville

Donna Marie Tayler, Galion

Marcia Kay Ulmer, Bucyrus

Marilyn Grace Veidt, Milford

Bettie Louise Williams, Celina

A.B. (Miami University)

Dayna Lee Williams, Reynoldsburg

Lynn Denise Wilson, Columbus

Gayle Serabin Zuckerman, Columbus

Bachelor of Science in Education

Eight hundred and forty-one candidates

Joy Conley Abbott, Pataskala

Eileen Merrill Abrams,

Huntington Woods, Mich.

Lynne Ellen Abrams, Woodmere, N. Y.

Elisabeth Jane Adams, Alger

Faye Agatstein, Merrick, N. Y.

Bonita Zeigler Agnew,

Battle Creek, Mich.

Bonnie Beatrice Albert, Cincinnati

Nicholas Louis Alex, Marion

Mary Ann Alt, Mansfield

Marcia Warrick Althoen, Gambier

Donna Lee Altman, Cincinnati

Abbie Ann Amos, Scio

Michael Lawrence Amrhein, Toledo

Gerald Arthur Anderson, Sandusky

Kathleen Phyllis Anderson, Columbus

Linda Sue Anderson, Manhattan, Ill.

Carol Elaine Angel, Sugar Creek

Joan Louise Antoville,

Floral Park, N. Y.

Pamela Ruth Armstrong, Columbus

Maureen Cecilia Arnholt, Mt. Vernon

Robert Carl Arnold, Kinsman

Lynn Sandra Arons, Cincinnati

Anita Kay Atkinson, Coshocton

Susan Ellen Atleson, Shaker Heights

Mary Ann Ayres, Willard

Sue Smith Babb, Wilmington

Elaine Jo Bachman, Parma

Judith Ann Bahr, Lima

Michael Steven Bailey, Sandusky

David Dale Baker, Lockbourne

Lois Jeanne Baldwin, Parma Heights

Richard Allen Ball, Mansfield

Catherine Anne Barba, Swanton

Paula Schramm Barcus, Bellaire

Paul Allan Barker, Lima

Anne C. Barkley, Schenectady, N. Y.

Judith Cheryl Baron, Shaker Heights

Charles James Barr, Jr., Columbus

Carolyn Lee Beach, Columbus

Ramona Fern Beach, Mansfield

Gloria Jean Becher, Dayton

Nancy Dingleline Beck, Columbus

Rita Jane Beer, Mansfield

Andrea Lynn Begelfer, York, Pa.

Marcia Goldstein Beim, Columbus

Charles Michael Bell, Huntsville

*Howard Reid Bell, Beachwood

Kenneth Wilbert Bell, Findlay

Susan Jane Bender, Canal Winchester

Eleanor Kernen Bennett, Columbus

Marilyn Lautar Bente, Columbus

Susan Louise Benzin, Pensacola, Fla.

Marilou Thomas Berg, Dalton

Sheila Honey Berger, Pittsburgh, Pa.

Helen Bond Berk, Columbus

Linda Ellen Berkowitz, Pittsburgh, Pa.

Elizabeth Berliner, Plainfield, N. J.

Richard Charles Berman, Columbus

Carole Sue Bernardo, Columbus

Jody Bernon, Shaker Heights

Susan Harlene Bernstein, Chicago, Ill.

Cheryll Barnes Best, Columbus

Stuart James Best, Columbus

Evelyn Jane Bice, Lima

Eileen Rae Biederman, Euclid

Robert Alan Birkhimer, Columbus

Susan Leslie Birnbaum, Youngstown

Ruth Nicholas Bish, Columbus

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Cuyahoga Falls

Frances Elizabeth Blackman,

Philadelphia, Pa.

Nikki Lucinda Blaha, Cleveland

Evelyn Jane Blair, Lima

Kathryn Herrel Blair, Columbus

Bonita Beth Bleich, Oceanside, N. Y.

Clayton Levey Bloom, Lockbourne

Roberta Joyce Blumenthal,

Chicago, Ill.

Robert Alvin Boeke, Dayton

Carol Sue Boggs, Columbus

David Laurence Bolman, Cincinnati

Susan Catherine Borchers, Columbus

Michael Edwin Bordner, Columbus

Nicolette Marian Boros, Cleveland

Betty Bortnick, St. Louis, Mo.

Anne Louise Bowen, Wren

Sally Weisert Bowsher, Columbus

Thomas Edward Boyle, Columbus

Lynne Carol Bradford, Grove City

Emily Lou Bramberg, St. Louis, Mo.

Dixie Lane Branner, Winchester, Va.

*Stefan Jack Broidy, Columbus

Deborah Dee Brooker, Pontiac, Mich.

George David Brookover, Toledo

Cynthia Lou Brooks, Portsmouth

Robert Allen Brooks, Kingston

Judson Hugh Broom,

West Liberty, W. Va.

Gail Bradford Brown, Grove City

Joyce Eileen Brown, Cleveland Heights

Julie Anne Brown, Columbus

Karen Sue Brown, Newark

*Nancy Ellen Brown, Columbus

Robert Ohlin Brown, Columbus

Steven Carter Brown, Marion

Mary Dew Browning, Lancaster

Betsy Clayton Brubaker, Eaton

* Also Bachelor of Arts,

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 Patricia Ann Bryan, Toledo
 Marie Lucile Buchholz, Wooster
 Stephan Wayne Buckler, Louisville
 Alice Bartleson Buelow, Columbus
 Patricia Ann Burgess, Cuyahoga Falls
 Joyce Lorraine Burick, Dayton
 Sonja Jean Burris, Cambridge
 Eliza Ann Busenburg, Columbus
 James Patrick Cagney, Gahanna
 Kathleen Marie Calvert, Columbus
 Angeline Chandler Cameron, Wellston
 Adele Leah Caplan, Atlanta, Ga.
 Quentin Joseph Carpenter, Columbus
 Thomas Allen Carpenter, Marion
 Shan Elizabeth Carver, Lakewood
 Judith Ellen Case, Columbus
 Judith Fleshman Casto, Columbus
 Vicki Lynn Casto, Grove City
 Thomas Allan Castro, Olmsted Falls
 Lynda Ann Catz, Pittsburgh, Pa.
 Gloria Brown Cecil, Caldwell
 Diane Kim Cernus, Marietta
 Catherine Lynn Chaffin, Parma
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 Bay Village
 Peggy Ann Corwin, Enon
 Rose Josephine Costanzo, Cleveland
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 University Heights
 Cynthia Lee Craig, Newark
 Carole Montroue Crawford, Cincinnati
 Suanne Marie Crawford,
 Parma Heights
 Mary Gums Creviston, Lucas

James Robert Crone, Cincinnati
 Linda Fern Crow, Columbus
 James Roger Csomos, Toledo
 Gail Ann Cukerbaum, Youngstown
 John Charles Dailey, Wintersville
 Janet Ann Dauber, North Olmsted
 Leigh Ellen David, Shaker Heights
 Linda Fox Davidson, Columbus
 Barbara Kay Davis, Columbus
 Beverly Kay Davis, Richwood
 Joyce Ann Davis, Mt. Sterling
 Willma Henriette Davis,
 Roxbury, Mass.
 James William Dawson, Columbus
 Kathryn Caroline Deitsch, Celina
 Josephine Marie Delewese, Columbus
 Richard Wayne Delong, Kingston
 Linda Sue Demorest, Westerville
 Patricia Elaine Denig, Mansfield
 Pamela Carol Dennis, Pepper Pike
 Carol Louise Derr, Columbus
 Barbara O'Keefe DeWitt, Delaware
 Camellia Ewart Dickenson, Utica
 Karen Annette Dickson, Zanesville
 Barbara Irene Dienes,
 Cleveland Heights
 Susan Elizabeth Dobbs, Norwalk
 Donna Jean Domsher, Cincinnati
 Paul Richard Donohoe,
 Washington C. H.
 Michael Grant Doran, New Albany
 Mary Lou Strekal Dreher, Euclid
 John Edward Dreitzler, Ashville
 Marion Leedom Drieherst, Columbus
 Sharon Sue Dunkle, Columbus
 Claudia Suzanne Dunlap, Utica
 Robert Joseph Duplain, Blanchester
 Donna Jean Durst, Clyde
 Susan Dusa, Mayfield Village
 Nancy Sue Ebersole, Worthington
 Roxanne Maurine Ebner, Columbus
 John Richard Eddy, Marion
 Lisa Susan Ede, Findlay
 Katherine Louise Edmondson,
 Trotwood
 Janet Elaine Edsinger, Bucyrus
 Carol Kimmel Edwards, Columbus
 Jeri Lyn Edwards, Columbus
 Kathleen Patricia Egan, Lakewood
 Virginia Dee Eggers, Clayton
 *Linda Marie Eiben, Cleveland
 Nanette Eikenbary, Columbus
 Denise Anne Ellice, Leominster, Mass.
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 Samuel Leon Elliott, Jr., Akron
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 New Knoxville
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 Leah Shane Ferstman, Shaker Heights
 Janis Lynn Fetters, Lancaster
 Nancy Jo Finical, Bellville
 Vera Fisch, Dayton
 Diana Harnett Fisher, Columbus
 Deborah Schmitter Flegm, Columbus
 Claire Jopling Floyd, London
 B.A. (Reading University)
 Resa Foreman, New York, N. Y.
 Connie Rogers Foster, Scott
 Karen L. Foster, Massapequa, N. Y.
 Sandra Kathleen Foster, Galion
 Rebecca Ann Francis, Newark
 Sarah Ann Frayer, North Canton
 Margaret Louise Frazier, Newark
 Betty Louise Fredrickson, Cincinnati
 Marlene Freedman, Beachwood
 Suzanne Friedlander, Willoughby
 Joan Terry Friedman,
 University Heights
 Judith Ann Frisinger, Walbridge
 Lillian Anna Frissora, Columbus
 Nancy Mervis Fromson,
 Shaker Heights
 Sylvester Henry Fueston, Jr., Gahanna
 Kathleen Rosenow Fugazzi, Columbus
 Judith Ann Furman, Columbus
 Claudia Jean Gail, Fowler
 Janet Elaine Gallus, Bedford
 Nancy Holderman Gansneder,
 Columbus
 Cynthia Gatti, Topeka, Kan.
 Soterios Peter Geldis, Columbus
 Gail Lynn Gellman,
 Niagara Falls, N. Y.
 Katherine Ann George, Fredericktown
 Ruth Ann Gerbec, Lorain
 Darryl Paul Gessler, Dayton
 Noreen Susan Gilford, Cleveland

* Also Bachelor of Arts,
 College of the Arts and Sciences

Frances Feldman Golden, Cleveland
 Ilene Rachel Goldfarb,
 Cleveland Heights
 Ronni Lynn Goldstein, South Euclid
 Aurelia Bejarano Gonzalez,
 Columbus
 Ginger Lee Goodin, Grove City
 Marcia Beth Gordon, Pittsburgh, Pa.
 Carol Lynn Goslee, North Royalton
 B.A.
 William Elmer Gossard, Columbus
 Carolyn Marie Gotschall, Amsterdam
 Linda Sue Gotthardt, Lima
 John William Grashel, Columbus
 Elizabeth Jane Greenberg,
 Teaneck, N. J.
 Lois Eileen Greenberg, Hillside, N. J.
 George Michael Gribble, Newark
 Jane Chapin Grieves, Bethesda, Md.
 Gail Patterson Griffin, Sebring
 Doris Ann Griffith, Marion
 David Harry Griner, Circleville
 Larry Dale Grooms, West Union
 Richard Earl Groseclose,
 Fredericktown
 Ellen Patricia Gross, Columbus
 Marsha Beth Gross, Oregon
 Linda Irene Grosshart, Columbus
 Marsha Ann Grundemann, Cincinnati
 Paula Schnell Guisinger, Oregon
 Ronald Glenn Guisinger, Oregon
 Marilyn Elaine Gusich,
 Garfield Heights
 Dennis Lynn Gwirtz, Crestline
 Josephine Hackenbracht, Coshocton
 Janis Muriel Hagey, Columbus
 Vancine Bartleson Hague, Columbus
 Mary Ellen Halavaas, Painesville
 Margo Mae Hall, Columbus
 Robert Christopher Hall, Columbus
 Linda Kay Hammond, Cincinnati
 Janice Kathleen Hampton, Brunswick
 Susan Carol Hamrich, Lyndhurst
 Marilyn Joyce Hanes, Chatfield
 Judith Diane Hannum, Cambridge
 Kurt Hansen, Amlin
 George David Harabin, Jr.,
 Independence
 Pamela Sue Hare, Upper Sandusky
 Clarke Jerman Haren, Jerusalem
 Gregory Todd Harper, Euclid
 Jaynee Echelbarger Harrington,
 Pickerington
 Jeannette Stephanie Harrison,
 Willoughby
 Sharon Kay Harrison, Columbus
 Linda Ann Hassey, Union, N. J.
 Chester James Hatfield, Columbus
 Roger Dale Hathaway, Valley City

Bruce Edwin Hawkins, Springfield
 Karla Stiefel Hawkins, Bucyrus
 Robert Allen Hawkins,
 South Charleston
 Stephen Owens Hay, Cincinnati
 Linda Loeffler Hayes, Columbus
 *Gregg Charles Heacock, Boardman
 Mary Beth Hecker, Columbus
 Laurel Joy Heller, Mayfield Heights
 Janice Helen Henry, Warren
 Penny Stow Herd, Worthington
 Jane Ellen Herzfeld, Baltimore, Md.
 Delphine Soika Herzog, Lima
 Susan Hessney, Parsippany, N. J.
 Pamela Anne Hester, Fairfield
 David Lewis Hiatt, Columbus
 Barbara Jane Higgins, Berea
 Lesley Anne Hill, Mt. Vernon
 Linda Gayle Hodel, Canton
 John Wallace Hoeffler, Mansfield
 Beth Zarle Hohenberger, Orrville
 Susan Wood Hohman, Xenia
 Roberta Jean Holloway, Logan
 Robert Wayne Holman, Lafayette
 Cheryl Ann Holt, Columbus
 Daniel David Holt, Danville
 Patricia Ann Horst, Wooster
 Jacquelyn Kay Horwitz, St. Louis, Mo.
 Ruth Klingensmith Hough, Mansfield
 Frank McGahey Hudson,
 Oxon Hill, Md.
 Heather Anne Hughes, Lima
 Cheryl Lynn Hulse, Circleville
 Christine Dianne Hunter, Hamilton
 Isobel Hurwitz, Omaha, Nebr.
 Joyce Donna Hyman, Mayfield Heights
 James Douglas Iler, Paulding
 Gail Marie Impson, Cedarville
 Jill Ellen Irvin, Kettering
 Susan Ann Irwin, Cleveland
 Rita Ann Isler, Prospect
 Carol Lynne James, Kettering
 Judy Ann James, Powell
 Barbara Jean Janko, Brecksville
 Alfred Kenneth Jarvis, Gallon
 Rebecca Ann Jaynes, Dayton
 Jeana Laurelle Jeckell, Cincinnati
 Ellen Elizabeth Jenkins, Circleville
 Jane Morgan Johanssen, Sylvania
 Barbara Beattie Johnson, Bucyrus
 Barbara Jean Johnson, Columbus
 Bonnie Lee Johnson, Carroll
 Eleanor Logan Johnson, Perry
 B.A.
 Frances Kay Johnson, Dayton
 Robert Van Johnston,
 Canal Winchester
 Anne Corrodi Jones, Columbus
 *Cheryl Mae Jones, Youngstown

Elizabeth Jones, Perry
 Sherilyn Rae Jones, St. Marys
 Roberta Weyls Jordan, Brook Park
 David Alan Juba, Lakewood
 Rita Sue Kahn, Columbus
 Noreen Lee Kaiser, Parma
 Carrie Ratzman Kaluger, Euclid
 Betty Anne Kanter, Cleveland
 Linda Elaine Katana, Warren
 *Ted Robert Katterheinrich,
 New Knoxville
 Ylla Ann Katz, South Euclid
 Marla Iris Katzman, Shaker Heights
 Mary Jenelle Kauser, Defiance
 Robin Lois Kay, Cohasset, Mass.
 Jean Kaseman Kayden, Gibsonburg
 Margaret Mekush Kear, Columbus
 James Allan Kelley, Gahanna
 †Cinda Lou Kelly, Washington C. H.
 Jane Lynn Kempner, Baltimore, Md.
 Marlene Janet Kendall, Pataskala
 Rena Abigail Kennedy, Alliance
 James Lee Kibby, Springfield
 Linda Albright Kiehl, Ada
 Carolyn Jo Kincaid, Lebanon
 Deborah Rachel King, Delaware
 Ann Lynn Kingsbury, Euclid
 Bonnie Prior Kinney, Columbus
 Barbara Joan Kirchenbaum,
 Huntington, N. Y.
 David James Kircher, Parma Heights
 Sandra Lynn Kirschenbaum,
 Shaker Heights
 Marian Linda Kirtchik, Wyoming
 Judy Myerstein Kirzner, Cincinnati
 Pamela Pence Kissell, Columbus
 Karen Jane Kistler, Lancaster
 Roccelyn Rae Kistler, Warren
 Martha Sunderland Kitts, Columbus
 Linda Sue Klay, Canton
 Judith Marcia Klayman, Orange, N. J.
 Jane Geissbuhler Kloman, Lyndhurst
 Debrah Jean Klontz, Mogadore
 Daniel Lee Klopp, Cridersville
 Claudia Ruth Knapp, Oceanside, N. Y.
 Diana Lynn Knipp, Bowling Green
 Beth Ann Knox, Euclid
 Joyce Lucille Knapke, Columbus
 Sandra Ann Koenig, Bronxville, N. Y.
 Joyce Sandra Koenigsberg, Dayton
 Stanley Bruce Kohn, South Euclid
 Marjorie Bonnie Koock,
 New York, N. Y.
 Linda Ann Koon, Columbus
 Richard Alan Korn, Columbus

* Also Bachelor of Arts,
 Colleges of the Arts and Sciences
 † Also Bachelor of Music,
 Colleges of the Arts and Sciences

Jane Ellen Krupienski,
Garfield Heights
Susan Elaine Krupp, Gates Mills
Thomas Edward Kubala, Euclid
Janice Marie Kunkle, Mansfield
Dora Metz Kunz, Columbus
Maureen Leslie Kuppin, Trotwood
Mary Anne Kuyper, Cincinnati
Peter Allen Kwait, Shaker Heights
Randi Barbara Lambert, Bayside, N. Y.
Lois Ann Lanning, Columbus
Thomas James Lasley, II, Prospect
Terry Lynn Laughbaum, Crestline
Donald Joe Lawrence, Kettering
Carol Ann Lea, Canton
Sally Hatten LeCrone, Columbus
George Nathan Lee, Mt. Vernon
Sheryl Fishman Leeds,
Massapequa, N. Y.
Deanne Leff, Albany, N. Y.
Susan I. Leffert, Valley Stream, N. Y.
Jessie MacArthur Lennox, Cleveland
Sharon Paula Leslie,
University Heights
Terri Ellen Lester, Shaker Heights
Sherry Robyn Levine, Baldwin, N. Y.
Susan Gayle Levine, Pittsburgh, Pa.
Carolyn Sue Lewis, Coshocton
Helen Estelle Lewis, Cincinnati
James C. Lewis, Hamilton
Linda Jane Lewis, Columbus
Linda Kay Lewis, Grove City
Sharyn Sue Lewis, Columbus
William Barry Lewis, Wooster
Joan Linnea Lindstedt, Cuyahoga Falls
Mary Ann Linton, Mansfield
Judith Ann Lipkin,
East Paterson, N. J.
Phyllis Schrader Lipp, Sandusky
Joann Kay Litzler, Mansfield
Barbara Jean Logan, Mt. Gilead
Petta Lok, Columbus
Valerie Kay Luli, Mt. Vernon
Gloria Jean Lusignolo, Columbus
Robert Orrin Lust, McCutchenville
Donna Hailey Lynch, Cincinnati
Thomas Michael MacDonald, Columbus
Margaret Nelms Machlan, Newark
Carol Ann Mack, Glenford
Ann Maddeford, Pompton Lakes, N. J.
Marilyn Joyce Madden, Kettering
Paul Edwin Magnusson, Columbus
Marlene Marie Maher, Columbus
Margaret Mary Mahoney, Columbus
Marilyn Anne Major, Stow
Nancy Joyce Malevan,
University Heights
Claudia Marie Mangani,
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Shaker Heights
Elaine Nancy Mart, Cleveland
Jeffrey Michael Mart, Cleveland
Joy Pamela Martin, Morrisville, Pa.
Marilyn Ann Martin, Caledonia
Mary Lynne Martin, Cleveland
William Courtney Martin, Jackson
B.A.
Linda Ann Massie, Dover
Rebecca Irene Matthey, Zanesville
Paula Louise Matus, Wakeman
Steven Douglas Maurer, Botkins
Bonnie Passoff May, Columbus
Marilyn Fern McBride, Ashland
Kathleen Smith McCann, Heath
Kathleen Ann McCarthy, Gahanna
Delphenia Marie McDonald,
Urbancrest
Barbara Kay McLaughlin, Columbus
Grace Marietta McLay, Holmdel, N. J.
Mary Ann McGowan McMillen, Canton
Ellen Dale McNamar, Newark
Bonnie Faye Meadors, Cincinnati
Dorothy May Meckes, Cincinnati
Rita Margaret Medaglia, Columbus
Susan Jane Meeth, Parma Heights
Marilyn Daitch Meltzer, Akron
Curtis Mencer, Massillon
Miriam Hall Mertens, Ada
Joseph Andrew Mesaros, Columbus
Marlene Diane Mesnick,
Shaker Heights
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Barbara Brody Meyer, Buffalo, N. Y.
Gregory Arthur Meyer, Cleveland
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Cherri Rupert Migdoll, Lexington, Ky.
James Lee Milavec, Euclid
Karen Shultz Milhoan, Worthington
Curtis Arthur Miller, Columbus
Cynthia Smith Miller, St. Paris
Jean Patricia Miller, Columbus
Linda Ann Miller, North Royalton
Linda Lee Miller, West Jefferson
Sandra Kaye Miller, Wooster
Sandra Lu Miller, Stow
Gloria Jean Mingroni, Bellaire
Cheryl Ann Mitchell, Columbus
Gwendolyn Irene Mitchell, Columbus
Janice Louise Mizell, Galion
Chester Hayden Mohler, Thornville
Elizabeth Cole Moloney, Mentor
John Craig Montgomery, Dayton
Mary Ann Marshall Montgomery,
Dayton

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Rebecca Louise Mowry, Ashland
Marilyn Grace Moyer, Findlay
Doranne Frieda Mueller,
North Royalton
John Loren Muhlbach, Jr., Massillon
Rachel Watts Mushrush, Columbus
Harold William Neas,
Albuquerque, N. Mex.
Saundra Louthan Neely, Medina
Barbara Klingel Neff, Marion
Thomas Richard Nelson, Columbus
Margeria Luken Neu, Lima
Iiona Klein Neustadt, Youngstown
Mary Louise Nicodemus, Baltimore
Nancy Ann Nicolette, Youngstown
Noel Eugene Noblette, Columbus
Erma Rosalane Noel, Columbus
Judith Ann Nogawick, Columbus
Rebecca Sue Noit, Wooster
B.A.
Gay Schlott Obendorf, Barberton
Jeffrey Lee Odenwald, Raleigh, N. C.
Thomas David Oliver, Jr., Painesville
Lois Ann Olsen, Ashtabula
Marsha Susan Orban, Yorkville
Victoria Lynn Orlando,
University Heights
*Harry Arthur Orris, Painesville
Barbara Ellen Oster, Mansfield
John Avery Palmer, Bridgewater, N. Y.
Nancy Ann Palmer, Columbus
Susan Celia Palmer, Shaker Heights
Helen May Pappas, North Ridgeville
Terry Maureen Patterson, Columbus
Ellen Marie Ward Pattison, Columbus
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Barbara Lee Pearson, Painesville
Phyllis Ilene Peckolick, Elmont, N. Y.
Carla Lee Peddicord, Columbus
Suzanne Elizabeth Peer, Dayton
Suzanne Marie Pentek, Shaker Heights
Janet Gail Peresman, Pittsburgh, Pa.
Kathleen Mary Peresman,
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 North Lawrence
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 Charleston, W. Va.
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 James Gilbert Price, Cleveland Heights
 Cheryl Vivian Prizant,
 Cleveland Heights
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 Ernest Samuel Rensi, Hopedale
 Linda Heather Resnick, Akron
 Rodrigo Reyes, Weslaco, Tex.
 Judith Rochelle Rich, Dayton
 Karen Sue Richards, Columbus
 Rebecca Anne Ridenour, Columbus
 Judith Elaine Rideout, Oregon
 John Matthew Ridzon, Canton
 Brenda Frances Riebel, East Liverpool
 Juliet Carol Ringol, Louisville, Ky.
 Pamela Gray Ripley, Cincinnati
 Marilyn May Ritenour, Xenia
 Karen Cerny Robbins, Seven Hills
 Lois Roberts, Roslyn Heights, N. Y.
 Robert Lee Robinson, Maumee
 Sharon Kay Roderick, Columbus
 Robert James Rodosky, Munhall, Pa.
 Ronald Thomas Rogers, North Olmsted
 Ben Garrett Rose, Columbus
 Harlet Fabrien Rosen,
 White Plains, N. Y.
 Norma Sue Rosenthal, Malverne, N. Y.
 Augustus Littlejohn Ross, III,
 West Alexandria
 Joanne Ross, Cleveland

Rosemary Ross, Cleveland
 Cheri Maslov Rothschild, Cincinnati
 Dee Ann Rothstein,
 University Heights
 Edith Jane Round, Lyndhurst
 Esther Hyla Rubinstein,
 Beverly Hills, Calif.
 Edith Marilyn Rudin, Pittsburgh, Pa.
 David Walter Rufener, Warren
 Rebecca Lee Ruhl, Covington
 B.A.
 *Charlane Marie Russ, Grove City
 Linda Lee Russ, Canton, Mass.
 John Thomas Ryan, Junction City
 Mary Elizabeth Ryder, Bucyrus
 Carol Sue Sachs, Highland Park, Ill.
 Kathryn Ann Saettel, Dayton
 William Roman Saling, Caldwell
 Cheryl Ann Salisbury, Dayton
 Joseph Anthony Samaritoni, Sandusky
 Jacqueline Schrader Sams, Lebanon
 Georgianne Carrier Sander, Dayton
 Sandra Sue Sanders, Columbus
 Barbara Smith Sanitra, Amsterdam
 Nancy Angel Sapadin, Cincinnati
 Mari Lynn Sapon, Akron
 Kathleen Ann Sarnovsky, Elyria
 Mary Jo Saul, Liberty Center
 Linda Lee Saunders, Parma
 Thomas Dwayne Scheid, Newark
 Joseph George Scherma, Lakewood
 Frederick Owen Schmidt, Logan
 Eleanor Thau Schmittke,
 Brooklyn, N. Y.
 Cora Shaw Schnauffer, Columbus
 Beatrice Roman Schneider, Columbus
 Carol Lorraine Schneider, Marion
 Linda Marcia Schwartz, Chicago, Ill.
 Mary Jacqueline Schwartz, Cincinnati
 Marcia Carol Schwimmer,
 Rockaway, N. Y.
 Elaine Ruth Scott, Marion
 Mary Joan Clady Seif, Bucyrus
 Connie Kay Sell, Louisville
 James Joseph Semon, Parma
 Betty Case Sepsy, Columbus
 Linda Joyce Seymour, Fredericktown
 Joan Lynn Shaw, Columbus
 Albert Dennis Shelton, Marion
 Bette Holliday Shelton, Marion
 Patricia Ellen Shively, Columbus
 Charlotte Lynne Shonkwiler,
 Greenwich
 Francine Belle Shuchat, Piqua
 Susan Carol Shultz, Bound Brook, N.J.
 Lynnette Eileen Shwartz, Columbus
 Carole Elaine Siegel, Columbus
 Susan Anita Skeldon, West Jefferson
 Charlotte Worstein Skidmore, Dunkirk

Diane Rock Slater, Elyria
 Karen Ann Slay, Worthington
 Marlene Novak Slobin, Columbus
 Emily Louise Smart, Delaware
 Diane Lynn Smith, Cincinnati
 Huston Rudolph Smith, Cincinnati
 Janet Lynn Smith, Pomeroy
 Kathleen Ann Smith,
 Warrensville Heights
 Kenneth Lee Smith, Columbus
 Phyllis Manworren Snider, Columbus
 Barbara Lynn Sniderman, Youngstown
 Norma Ruth Snowden, East Liverpool
 Thomas Russell Snyder, Clarksville
 Pamela Anne Spang, Winchester, Mass.
 Marsha Diane Spero, Shaker Heights
 Gary Robert Spivey, Aurora
 Lvera McLaurin Sprague, Lima
 Anita Miller Sprinkle, Akron
 Gayle Renee Squires, Cleveland
 Jacqueline Claire Srog, Fremont
 Linda Lou Starner, Marion
 Marcia Ellen Stauffer, Columbus
 Lorraine Stein, Woodbridge, N. J.
 Sharon Elizabeth Stell, Twinsburg
 Antoinette Cecile Stephens, Columbus
 Ernestine Hite Stevens, Pataskala
 Paula Clare Stewart, Solon
 Marlene Dolores Steyer, Fostoria
 Thomas Glenn Stine, Richmond
 Elizabeth Louise Stone, Columbus
 Max Eugene Stover, Lima
 Marjory Williams Stowe, Ironton
 Lilyann Marie Strainie, Euclid
 *Diane Marilyn Strock, Wooster
 Patricia Ritterspach Stuckman,
 Bucyrus
 Carol Liebe Stuessy, Edinburg, Tex.
 B.A. (University of Texas)
 Karen Jean Stupak, Lorain
 Beverly Rae Sugaski, Wellington
 Alice Elizabeth Suitoer, Sandusky
 Rossalee Sukosd, East Canton
 Carl Guy Summanen, Ashtabula
 Eve Marian Susskind, Cincinnati
 William Daniel Sutherly, Troy
 Norma Jean Swaisgood, Helena
 Sue Sharrits Sweeney, Warren
 Beth Sweet, Miami, Fla.
 Ida Baumgarth Swenson, Akron
 Valerie Ann Swisher, Columbus
 Edward Lee Swope, Philo
 Phyllis Diane Symons, Newark
 Georgene Lynn Tachuk, Parma
 Helene Linda Taub, Shaker Heights
 Nancy Louise Taubert, Columbus
 Janice Lynn Teper, McKeesport, Pa.

* Also Bachelor of Arts,
 College of the Arts and Sciences

College of Engineering

Dean: Harold A. Bolz

Sheila Estelle Terkel, Pittsburgh, Pa.
Cynthia Joan Thomas, Galena
Judith Elaine Thomas, Cincinnati
Lorraine Diane Thomas, St. Clairsville
Phillip Edward Thomas, Seven Hills
William Earl Thompson, Columbus
Jane Ost Throneberry, Watchung, N. J.
Susan Kay Titus, Dayton
Wade Charles Tolleson, Huron
Joann Lucille Tooill, Lancaster
Linda Kay Topson, Columbus
Michael Allan Toth, Cleveland
Barbara Josephine Trabbic, Toledo
Rita Treistman, Fairlawn, N. J.
Trudy Norene Treneff, Newark
Marianne Therese Tulenko,
Parma Heights
Marjorie Ann Unger,
Long Beach, N. Y.
Loren Millard VanDeusen, Napa, Calif.
Maryann Vardian, Euclid
Susan Elizabeth Varner, Poland
Marilyn Krake Vaughn, Columbus
Margaret Ann Vehslage, Columbus
Marsha Dianne Vertner, Harrod
Nancy Arlene Wagman,
Great Neck, N. Y.
John Samuel Wagner, Springfield
Joyce Lynn Wagner, Miami Beach, Fla.
Sally Jo Wagner, Columbus
Gayle Lynne Waite, Newark
Lynda Rae Waldeck, Northfield
Neil Eugene Walter, Grove City
Karen Joy Walton, Niles
Karen Sue Walton, Waynesfield
Mildred Bell Washington, Worthington
Kathleen Elizabeth Waters, Cincinnati
Janey Marie Watt, Lima
Leonard Richard Weatherby, Gahanna
Cheryl Radick Weaver, Woodville
Penny Diane Weber, Dayton
Heather Wechsler, Pittsburgh, Pa.
Thomas Quintin Weilbacher,
Worthington
Karen Greenhut Weinberg,
Shaker Heights
Marylin Gail Weintraub, Canton
Susan Marsha Weisblatt,
Cleveland Heights
Marla Elaine Weisenberg, Cleveland
Rosalind Kay Weiss, Gary, Ind.
Linda Tabler Weissinger, Wapakoneta
Marcia Lee Welch, Columbus
Betty Hasting Weller, Lima
† Kenneth James Wene, Orwell
Jan Schnepf Wentz, Upper Sandusky
Bonnie Kristine Werner, Wapakoneta
Leslie Barkas Wettan, New York, N. Y.
Carol Lynn Wexler, Erie, Pa.

Beverly Ann Whaley, Bucyrus
Nancy Rice Wharton, Columbus
Mary Louise Wheaton, Columbus
Donna Walklet Whisler, Brookville
Theodore Douglas Whisler, Mansfield
Diane Sue White, Toledo
Nancy Ruth White, Monroe
Roy Edward Whited, Centerburg
Barbara Cecile Whitmer, Urbana
Miriam Julia Wick,
Geneva, Switzerland
Christine Inga Wieting, Columbus
Heather Robin Wilbarger, Sebring
Donald William Wilke, Bay Village
Mary Acord Wilkins, Lima
Janice Diane Williams, Marysville
Mary Ellen Williams, Worthington
Patricia Ann Williams, Delta
Sandra Kay Williams, Shelby
John Allen Wilmes, Dayton
Judith Ann Wilson, Garfield Heights
Melinda Nan Wineburgh,
Niagara Falls, N. Y.
Ann Louise Wiseman, Mansfield
Helga Witzmann, New Washington
Allan Bernard Wolf, Beachwood
Laurie Ruth Wolf, Jamaica, N. Y.
Sharon Lois Wolf, Canton
Nancy Sue Wolford, Newark
Kathleen Miller Wolinetz,
Shaker Heights
Glenn Lee Wollam, East Liverpool
Karen Fay Wooding, Painesville
Virginia Stahl Woodring, Granville
Marjorie Porter Woolard, Newark
Kathleen Ann Work, Pleasant Hill
Jo Ann Wright, Columbus
Linda Lou Yanevich, Columbus
Lynn Shuey Yark, Toledo
Sandra Kay Yarnell, Wooster
Joelyn von Haam Yoder, Columbus
Charles Gilman Young, Galion
Gary Edward Young, Loudonville
Marcia Fair Young, Lima
Roger Lee Young, Columbus
Jane Hoffman Zelman, Bayside, N. Y.
Linda Alice Zenar, Kent
Rodney Richard Zerkle, St. Paris
Charles William Zimmerman,
Columbus
Sandra Lynn Zorn, Norwalk
Terri Marcia Zuckerman, Cleveland

Bachelor of Aeronautical and Astronautical Engineering

Twenty-six candidates

Douglas Albert Bacon, Burlington, Vt.
Christopher Kimball Badger,
Columbus
Duane Louis Bastia, Steubenville
Roger Ronald Burbrink, Cincinnati
Ronald Clyde Freeman, Parma
Joseph Ward Haney, Jr.,
Cuyahoga Falls
William Gary Heckathorn, Columbus
Rodger Allen Herbst, Columbus
Gary Richard Hilbert, Erie, Pa.
Peter Edward Jasanis, Pittsfield, Mass.
Kenneth Alvin Jungeberg, Berea
Robert Michael Kansa, Youngstown
Robert Kelly, Youngstown
James Ronald Ligas, Barberton
Arnold Theodore Mosberg, Lakewood
Theodore John Muha, Dayton
Michael Thomas Noonan, Westerville
Earl Robert Osterstock,
Phillipsburg, N. J.
Warren Dingman Potts, Columbus
Charles Stephen Richter, Thornville
Richard George Ruegg, Akron
Stuart Edward Strand, Cleveland
Thomas Malcolm Thomson, Cleveland
William Irvin Westphal, Lima
Robert Lewis Williams, Girard
Kenneth William Zagray, Akron

Bachelor of Agricultural Engineering

Two candidates

Garry Dean Cole, Shelby
John William Smolen, Jefferson

Bachelor of Science in Agricultural Engineering

One candidate

George Edward Mills, Ashland

Bachelor of Ceramic Engineering

Nine candidates

Glenn Edward Bergman, Jr., Dayton
Richard Vaughn Culbertson, Zanesville

† Also Bachelor of Music,
Colleges of the Arts and Sciences

Russell Alan Dunmire, Coshocton
 Berry Edward Johnson, South Point
 *John Lester Martin, Navarre
 *Michael Edward McConnell, Gahanna
 Mark Howard Palmer, Kettering
 Michael Joseph Reidelbach, Columbus
 William Douglas Robertson, Granville

Bachelor of Chemical Engineering

Eleven candidates

Yong Jun Ahn, Columbus
 John Joseph Curran, Bellaire
 Thomas Teegardin Duvall, Ashville
 Leslie Wayne Feller, Massillon
 Luther Glen Hilton, Buckeye Lake
 Seward Evege Matthews, New London
 Robert William McCrackin, Marietta
 John Lawrence Shailer, Hudson
 Richard Neil Thomas, Cincinnati
 John William Toussant, Canton
 Carl George Wysocki, Fairview Park

Bachelor of Civil Engineering

Twenty-two candidates

*Dana Lawrence Briggs, Woodsfield
 Arthur Corsano, Bronx, N. Y.
 Clifford Eugene Criswell, Coshocton
 Thomas Earl Croley, II, Worthington
 Dennis Warren Gardner, Columbus,
 Gundars Gulbis, Toledo
 Abdul-Wadood Ahmed Haider,
 Al-Mansura, Aden, Southern Yemen
 Charles Luther Helm, Columbus
 Bryan Francis Hickey, Columbus
 Paul Terrence Humble, West Liberty
 Don Alan Jenkins, Richmond Heights
 Kenneth Clyde Johnson, Jr.,
 West Union
 Ronald Joseph King, Ft. Recovery
 George William Maki, II, Painesville
 Richard Parker Mindigo, Columbus
 Robert Grant Oman, Arlington
 Stephen Michael Owen, Columbus
 James Aaron Page, Urbana
 Lloyd Fredrick Snyder, Jr., Columbus
 Steve Alan Stolte, Wapakoneta
 Fred Franklin Valins,
 University Heights
 Robert Stephen Welsh, Columbus

Bachelor of Science in Civil Engineering

Three candidates

Steven Howard Gebler, Brooklyn, N. Y.
 Robert Lynn Phillips, Jefferson
 Randy Dean Wurtsbaugh, Richwood

Bachelor of Science in Computer and Information Science

Five candidates

Stuart David Abramson, South Euclid
 William John Fleiner, Galion
 Larry Edward Hart, Cincinnati
 James Michael Ludwig, Parma
 Frederick William Wack, Louisville

Bachelor of Electrical Engineering

Forty-two candidates

James Carol Ault, Dola
 William Michael Bierbower,
 Grantham, Pa.
 Stephen Moore Bower, Rio Grande
 Ronald Alan Brown, Caldwell
 David LeRoy Buchanan, Lima
 James David Butcheck, Mentor
 Robert Goodrich Chapman, Plain City
 Joseph Richard Chute, Columbus
 Arthur John Davey, Lorain
 Edmund Eugene Dems, Strongsville
 Stephen Roy Dillon, Columbus
 Leonard Lewis Fogell, Ashland
 William Frederick Fouse, Lancaster
 John Jay Franklin, Jr., Glenside, Pa.
 Robert Harold French, Bellaire
 Randy Lee Garverick,
 Philadelphia, Pa.
 Mark John Hentz, Jr., Columbus
 Richard Joseph Herrick, Lakewood
 Michael John Holzaepfel, Sandusky
 Lawrence Joseph Kusan, Columbus
 Gary Winston Linn, Bellevue
 Thomas Henry Logsdon, Stow
 Douglas Philip Metzger, Lorain
 Frank Schriver Mills, Ashland
 Norman Louis Muhme, Toledo
 Edward Howard Newman,
 University Heights
 William Richard Osborn, New Albany
 Thomas Arthur Peebles, Jr., Columbus
 Marius Raymond Poderys, Columbus
 Carl Dennis Porter, Fairborn

Blaine R. Rabe, Coldwater
 Clark Glenn Reed, Salamanca, N. Y.
 Anthony Albert Rutti, Cleveland
 Nicholas St. Cavish, Jr., Louisville, Ky.
 Richard James Shelquist, Galion
 Gary Norman Skillicorn, Bedford
 Gary Allan Smith, Trotwood
 Phillip Randall Smith, Columbus
 Randall Clarke Stauffer,
 Sharpsville, Pa.
 Edward Arthur Wilson, Columbus
 Robert Perry Wolff, Columbus
 Logan Rahn Zintsmaster, Akron

Bachelor of Industrial Engineering

Twenty candidates

Joseph Edward Bashor, Cincinnati
 Jon William Bennett, Columbus
 Jimmie Vaud Bosley, The Plains
 Fred Lawrence Brachman,
 Miami Beach, Fla.
 Robert Edward Brauer, Wapakoneta
 Frederick Herman Conrad,
 Steubenville
 Michael Victor Demczyk, Parma
 Harvey Wayne Ellice,
 Leominster, Mass.
 Richard Franklin James, Columbus
 James Robert Kleinke, Portsmouth
 Albert Paul Konchar, Jr., Canton
 Michael James Kray, II, Akron
 James Edward Lipp, Sandusky
 Richard Alan McNeely,
 Indianapolis, Ind.
 William Donald Mitchell, Jr., Mansfield
 Nick Joseph Rackoff, Youngstown
 David Allan Schroeder, Columbus
 Phillip Thompson Soule, Jr., Columbus
 Allen Wayne Traucht, West Liberty
 Phillip Howard Wilson,
 Milwaukee, Wis.

Bachelor of Science in Industrial Engineering

Four candidates

James Arden Goings, Reynoldsburg
 David Paul Riley, Cincinnati
 Richard Fletcher Whiteman
 Huntington Sta., N. Y.
 Thomas Newton Williams, Columbus

* Also Master of Science, Graduate School

Bachelor of Mechanical Engineering

Seventeen candidates

Mohamad Abrishaman, Tabriz, Iran
 James Joseph Andros, Toledo
 *Richard Eugene Baker, Columbus
 David Allen Ball, Zanesville
 Bruce Alan Bell, Canton
 Joseph Leonard Eiben, Cleveland
 John Durbin Gerber, Dover
 Dana Jay Griggs, Mendon
 Bruce Lee Harshe, Lima
 James Russell Hill, Columbus
 Charles Winfred Ickes, Columbus
 John Leo Kelley, Englewood
 *Daniel Paul Koscinski,
 Garfield Heights
 Charles Paul Schwaderer, Cleveland
 Stephen Eugene Seilheimer, Tiffin
 Roger William Smith, Grove City
 Rostam Yeganegi, Tehran, Iran

**Bachelor of Science in
Mechanical Engineering**

Eleven candidates

William John Bux, Wadsworth
 William Jesse Dickinson, Oberlin
 Steven Lawrence Fisher, Lima
 Neal William Greenfield, Jr.,
 Columbus
 Richard Joseph Hammond, Columbus
 David Lee Hart, Berea
 Lawrence Edward Klein, Lexington
 Bruce John Landefeld, Massillon
 Stephan Leonard Morse, Rocky River
 Gene Fredrick Myers, Genoa
 Charles Alva Parker, Jr., Wadsworth

Bachelor of Metallurgical Engineering

Ten candidates

Brian Michael Clark, Canton
 Niyazi Eroglu, Trabzon, Turkey
 Gerald Robert Holman,
 Pittsburgh, Pa.
 Forrest Dee Nixon, III, Chagrin Falls
 Dale N. Overturf, Dunkirk, N. Y.
 Thomas Lawrence Raredon,
 Deerfield, Ill.
 Hans Sellge, Jr., Highland Heights
 Donald James Shade, Cleveland
 Kenneth Edward Sumner, Dayton
 John Philip Winter, Oak Harbor

Bachelor of Science in Physics

Ten candidates

Thomas Leo Bills, Maria Stein
 Charles Stephen DeSilets,
 Drexel Hill, Pa.
 James Conway Dudte, Loudonville
 Michael Newton Forrest, Sandusky
 James Dean Joseph, Grove City
 Evelyn Kay Smith Kinzel, Bremen
 *Nelson William Marshall, Dayton
 John LaVerne Regner, Columbus
 John Lowell Turner, Columbus
 Steven Richard Wenner, Bucyrus

**Bachelor of Science in
Engineering Physics**

One candidate

Irving Auerbach, Cleveland

Bachelor of Welding Engineering

Five candidates

Norman Charles Binkley, Canton
 Stanley Edward Glanzer, Dayton
 Stephen James Hull, Westerville
 Frederick Mike Kuck, Wapakoneta
 David Mitchell Parker, Scotrun, Pa.

School of Architecture**Bachelor of Architecture**

Twenty-three candidates

Robert Louis Bell, Salem
 Charles Paul Cerniglia,
 Hempstead, N. Y.
 David Lee Deal, Columbus
 William Joseph Drechsler, Elrama, Pa.
 Hans-Harald Grote, Columbus
 Judson Richard Herter, Industry, Pa.
 Hunter Stratton Hopson, Jr., Hilliard
 Richard Lee Hungate, Westlake
 Robert Arthur Huth,
 Farmington, Mich.
 Jeffrey Michael Kalban,
 Freeport, N. Y.
 William Lindsay Mann, Columbus
 Mickey Andrew Melragon, Columbus
 Charles Lynn Nickel, Tiffin

Constantine Pavlou,
 Sherman Oaks, Calif.
 William Ray Plate, Wellsville
 Russell John Rule, Columbus
 Gerald David Runkle, Toledo
 John Alan Stock, Shaker Heights
 Timothy Felty Timberman, Cincinnati
 Gerald Erwin Tschabold, Alliance
 Sotireos Voyages, Astoria, L. I., N. Y.
 David Allen Wolfberg,
 North Woodmere, N. Y.
 John Howard Zaugg, Mansfield

Bachelor of Science in Architecture

Nine candidates

Kenneth Frederick Bailey, Springfield
 Thomas Edward Black,
 Morgantown, W. Va.
 Herbert Dwight Bonner, Lakewood
 Robert Joseph Corna, Columbus
 Bruce Lyn Hubbard, Dayton
 Roger John Koch, Columbus
 Darrel Lynn Rohrer, Columbus
 Philip Craig Sager, Sheffield Lake
 Gary Parish Turpening,
 Columbus, Ind.
 B.A.

Bachelor of Landscape Architecture

Four candidates

James Douglas Holtschulte, Columbus
 Raymond Cecil Kapp, Bedford
 Thomas Halvor Mikkelsen,
 Los Altos, Calif.
 William Roy Swank, Fredericktown

* Also Master of Science, Graduate School

College of Law

Dean: Ivan C. Rutledge

Juris Doctor

One hundred and thirty-three candidates

Mark Rogers Abel, Athens
A.B. (Ohio University)

William Henry Allyn, Jr., Chillicothe
A.B. (Harvard University)

Thomas Richard Anderson, Cleveland
A.B. (University of Notre Dame)

Richard Arthur Anthony,
Fairport Harbor
A.B. (Miami University)

Richard James Ashby, Jr., Lancaster
A.B. (Wittenberg University)

Edward Allen Bacome, Columbus
B.S. in Agr.

David Regis Barnhizer, Youngstown
B.A. (Muskingum College)

Robert Joseph Birge, Lakewood
B.A. (California State College at
Fullerton)

David Solomon Bloomfield, Columbus
B.S.

Michael Marshall Briley, Perrysburg
A.B. (Miami University)

Stephen Cahall Brunner, Lexington
B.S. in Bus. Adm.

John Raymond Butz, Eaton
B.A.

David Scott Calihan, Vandalia
B.A. (Earlham College)

Gregory John Callaghan, Bellevue
B.A. (University of Notre Dame)

Stanley Craig Chapman, Sandusky
B.S. in Bus. Adm. (Bowling Green
State University)

John Simmons Cheetwood, Columbus
A.B. (Duke University)

Allen Delos Clark, Farmington, Mich.
B.A. (Michigan State University)

John Kenneth Colgrove, Painesville
B.A.

Robert Wright Cool, Columbus
B.A. (Muskingum College)

Douglas Frank Daley, Lakewood
B.A. (Kent State University)

Richard Dale Dodez, Akron
B.S. in Bus. Adm.

Lawrence Oliver Eitzen, Bay Village
A.B. (University of Michigan)

Rodman Reynolds Enslinger, Norwalk
B.A. (Bowling Green State University)

David Richard Essig, Massillon
A.B. (Ohio University)

John Robert Ettenhofer, Hamilton
B.A.

James Frederick Fell, Toledo
B.A. (University of Notre Dame)

Mark Alicen Foley, Middletown
B.S. (Xavier University)

Gary LeVaunt Ford, Steubenville
B.A.

Lawrence Milton Friedman,
Chicago, Ill.
B.A. (University of Illinois)

Jeffrey E. Fromson, Shaker Heights
B.A. (Miami University)

John Paul Garber, Mansfield
A.B. (Princeton University)

Richard Howard Glazer, Zanesville
B.B.A. (University of Cincinnati)

Jeffrey Mitchell Glenn, Toledo
B.A.

Jack Dennis Gooding, Attica
B.S. in Bus. Adm. (Bowling Green
State University)

William Henry Gosline, Maumee
B.A. (Denison University)

Myron David Harrison, Lancaster
B.A. (Kenyon College)

Clarence Luther Heckman,
Pemberville
B.A.

Keith Francis Henley, Worthington
B.S. in Bus. Adm.

Robert William Hennessy, Jr.,
Cleveland
B.S. (Xavier University)

Jimmy D Henson, Columbus
B.A.

Barry Martin Hornstein,
Brooklyn, N. Y.
B.A. (New York State University
at Buffalo)

James Thomas Houfek, Lancaster
B.B.A. (University of Notre Dame)

Robert Frederick Howarth, Jr.
Newark
B.A. (Denison University)

Willard Wallace Hoyt, Maumee
B.A. (Ohio Wesleyan University)

Richard Maurice Huhn, Marion
A.B. (Ohio University)

William Michael Isaac, Bryan
B.S. (Miami University)

William Gregory Ellis Jacobs,
Lakewood
A.B. (University of Michigan)

Gordon Lane Johnson, Newark
B.B.A. (Ohio University)

Ronald David Keener, New Lebanon
B.S. in Edu.

John Edward Kehoe, Portsmouth
B.S. in Edu. (Ohio University)

Roger Edwin Kephart, Painesville
B.A.

Richard Rankin Kinney, Jr., Columbus
B.A. (Ohio Wesleyan University)

Marvin James Kinstlinger, Cleveland
B.S. in Bus. (Miami University)

James Richard Kirkland, Troy
B.A. (Ohio Wesleyan University)

James William Knisley, Xenia
B.S. in Bus. (Miami University)

Ronald Gene LaAsmar, Zanesville
A.B. (Ohio Wesleyan University)

Garey Lee Laube, Stamford, Conn.
B.A.

Peter Reinhardt Laylin, Columbus
B.A. (Colby College)

Robert Kolter Leonard, Lima
B.A. (Carleton College)

Robert Edward Levey, Toledo
B.S. (University of Pennsylvania);
M.B.A.

Michael Steven Linn, Wooster
B.A. (College of Wooster)

Frederick Harlan Loffman, Ashtabula
B.A. (Kent State University)

Michael Gary Long, Dexter City
B.A. (Ohio Wesleyan University)

Daniel Jon Loomis, Perry, Mich.
A.B. (Wheaton College)

Daniel Joseph Loveland, Columbus
B.A.

Gary Wayne Lunter, Worthington
B.A.

Donald Leo Mains, Jr., Columbus
B.S. in Edu.

David Paul Martin, Cleveland Heights
B.A.

Francis Johnston McGavran,
Columbus
B.S. in Bus. Adm.

Timothy John McGrath, Columbus
B.S. in Bus. Adm.

James Ross McIlvaine, Dover
B.A. (Muskingum College)

John Jeffrey McNealey, Columbus
A.B. (Cornell University)

John Richard Merchant, Marion
A.B. (Ohio University)

Nicholas Joe Milanich, Jr., Middlefield
A.B. (Ohio University)

Laurence Lynn Miller, Findlay
B.A.

Mark Alan Miller, Delaware
B.A.

James Russell Moats, Forest
B.A. (Denison University)

William Hawkins Moorhead,
Steubenville
B.A. (Kent State University)

John Frederick Moul, Leroy
B.A. (Miami University)

Jarrell Lee Murchison, Columbus
B.A. (Miami University)

Charles Robert Naylor, Gahanna
B.A.

Orrin Bruce Nordstrom, Jr., Lima
B.S. in Bus. Adm.

Mark Stanton O'Connor, Bellefontaine
B.A. (John Carroll University)

Daniel Martin O'Keefe, Springfield
B.A. (University of Dayton)

Thomas Rodney Owen, Avon Lake
B.A. (Wittenberg University)

Michael Garver Oxley, Findlay
B.A. (Miami University)

Thomas Hoffman Palmer,
Newton Falls
B.A. (Wittenberg University)

Nicholas Andrew Paras,
Limassol, Cyprus
B.A., B.M. (Ohio Wesleyan
University)

Harold Clark Phillips, Columbus
B.A. (Bowling Green State
University)

Jerome Phillips, Toledo
B.B.A. (University of Toledo)

Robert Anthony Piazza, Elyria
B.S. in Bus. Adm.

Jack Richard Pigman, Jr., Fostoria
B.A. (University of Notre Dame)

James Edward Poff, Findlay
B.A. (College of Wooster)

Milton Ames Puckett, Dayton
A.B. (Ohio University)

Mollie Gordon Raskind, Worthington
B.A. (University of California,
Berkeley)

Walter Washington Reckless, Dublin
B.S. in Bus. Adm.

William Douglas Reynard, Mt. Vernon
B.S. in Edu.

Thomas Joseph Riley, Columbus
B.A.

Richard Frank Ritter, Huron
B.A. (Baldwin-Wallace College)

John Baker Rohyans, Worthington
B.S. in Bus. (Miami University)

Waldo Bennett Rose, Lima
A.B. (Princeton University)

Daniel Robert Rupp, Columbus
A.B. (Duke University)

James Harley Russell, St. Charles, Ill.
B.A. (Ohio Wesleyan University)

John Michael Salimbene, Columbus
B.A.

Mark Curran Schaffer, Toledo
B.A.

Thomas Joseph Shumard,
Mingo Junction
B.B.A. (Ohio University)

Alan Bronson Smith, III, Columbus
B.A. (Ohio Wesleyan University)

Joel David Sommers, Cleveland
B.A.

John Stuart Steinhauer,
Cuyahoga Falls
B.A., B.S. in Edu.

John Frederick Stergios, Adena
B.A. (Mount Union College)

Emil Stipanovich, Jr., Youngstown
A.B. (Princeton University)

Thomas Michael Tarpy, Columbus
A.B. (John Carroll University)

Kenneth Michael Taylor, Loveland
B.A.

Arthur Clifford Thorton, Jr.,
Lakewood
B.A. (Abilene Christian College)

John Harold Thrush, Worthington
B.S. in Edu.

David Winans Tucker, Columbus
B.A. (Dartmouth College)

James Steven Turner, Cleveland
B.A.

Lee Irwin Turner, Shaker Heights
B.S.

Robert Raymond Twohig, Jr.,
Huntington, W. Va.
B.A. (Marshall University)

Gregory Frank VanGundy, Bryan
B.A.

Stephen Joseph Vergamini, Dayton
B.A. (University of Dayton)

Charles Allen Vince, Steubenville
B.A.

Sally Jean Ward, Columbus
B.A. (Saint Louis University)

Thomas Loor Weber, Wellston
A.B. (Ohio University)

Robert Mittler Weinberger, Hubbard
B.S. in Bus. Adm.

David Brooks Westwater, Jr.,
Columbus
B.A.

Philip Warren Whitaker, Columbus
B.A.

Willard Randall Winter, Cincinnati
B.A. (University of Cincinnati)

Ronald Irwin Wiseman, Amelia
B.A. (Miami University)

Ronald Lee Wollett, Columbus
B.S. in Phar.

Frank Chester Woodside, III,
Cincinnati
B.S.

Thomas Eldon Workman, Delaware
B.S. in Bus. Adm.

Robert Bond Young,
Newton Square, Pa.
B.A. (Denison University)

College of Medicine

Dean: Richard L. Meiling

Doctor of Medicine

One hundred and thirty-six candidates

Samuel Albert, Toledo
B.A.

Michael Ames Allan, Dayton
A.B. (Indiana University)

Robert Lewis Anderton, Worthington
B.A.

Leon Frank Artzner, North Canton
B.S.

Paul Joseph Axelrod, Cleveland
B.S.

Chester Enoch Bartram, Jr., Alliance
B.S. (Mount Union College)

Harold Frederick Baskin,
Cleveland Heights
A.B. (Ohio University)

Joseph Edward Beaumont, Jr.,
West Portsmouth
B.S. (Saint Louis University)

Kurt Arnold Bertschinger, Cleveland
A.B. (Case Western Reserve
University)

Thomas Lee Blackstone, Newark
B.S.

Donald Walter Booher, Miami, Fla.
A.B. (Oberlin College)

Edward Joseph Booth, Zanesville
B.S. (Otterbein College)

Wayne Stanford Brechbuhler, Canton
B.A. (Colorado College)

Robert Scott Brenner, Hamilton
B.S.

Michael Robert Brocke, Woodville
B.S. (Capital University)

Robert Lewis Brown, Lima
B.S.

John Nicholas Brucoli, Youngstown
B.A.

Frank Raymond Bruening, Avon
B.S. (John Carroll University)

Lawrence Allan Bucklew, Jr., Warsaw
B.S. (Ohio University)

Stephen Joseph Buday, Cleveland
B.S. (John Carroll University)

Jeffrey William Bullard, Berea
B.S. (Allegheny College)

Patrick Thomas Butterfield, Ada
B.A.

Ruth Anne Cardwell, Ironton
B.S.

Roy Edwin Carlson, Youngstown
A.B. (Case Western Reserve
University)

William Michael Chinn, Columbus
B.A.

Arnold Mathew Chonko, Parma
B.S.

Robert H. Ciralsky, Toledo
B.S.

Douglass David Collins, Kent
B.A. (Kent State University)

John William Cunningham,
Rocky River
B.A.

Paul Virden DeLamater, Toledo
B.S. (Bob Jones University)

Louise Desgranges, Holgate
A.B. (Miami University)

Stephen John DeVoe, Columbus
B.A.

Patrick Joseph Donley, Columbus
B.S., M.S.

David Scatterday Dyke, Carrollton
B.S.

Larry Paul Ebbert, Ravenna
B.A. (Kent State University)

Deborah Strong Ebner, Loudonville
B.S.

Theodore Frank Ebner, LaFayette
B.S.

Earl Dennis Eifert, Dayton
B.S. (University of Dayton)

LeRoy John Essig, Woodbury, N. Y.
B.S. (Boston College)

Thomas William Evans, Jr., Columbus
D.D.S., M.S.

William Henry Falor, Akron
B.S.

Jeffrey James Fierri, Cleveland
B.S.

James Wallace Finn, Warren

Gerald Allen Fishman, Cleveland
A.B. (Case Western Reserve
University)

Patrick Walter Flanigan, Dayton
B.A.

Robert William Fowler, Xenia
B.S.

Barry Alan Friedman, Dayton
B.A. (Vanderbilt University)

James LeOndis Frisk, Fargo, N. D.
B.A. (Moorhead State College)

Hugh Charles Gilbert, Cleveland
A.B. (Case Western Reserve
University)

Joel Mark Ginsberg, Youngstown
A.B. (Case Western Reserve
University)

William Allen Gintling, Akron
B.S.

James Peter Goetz, Shaker Heights
B.A. (University of Notre Dame)

Richard Laverne Goode, Columbus
B.S.

John Allen Gross, Akron
B.S. (University of Akron)

Marjorie Alma Harellick,
Bayonne, N. J.
B.A. (Antioch College)

Sylvia Louise Harper, Warren
B.S. in Phar.

Thomas Howard Hartranft, Columbus
B.S.

Jeffery Conway Hutzler,
Shaker Heights
B.S. (Westminster College)

Paul Harold Iahn, Cleveland
B.S. (Ohio University)

Robert Allen Jacob, Cleveland
A.B. (Case Western Reserve
University); M.S.

Charles Perin Johnson, Hillsboro
B.S. (Marietta College)

Robert Sheldon Jones, Port Clinton
B.S. (Westmont College)

Steven Michael Klein,
University Heights
A.B. (Washington and Jefferson
College)

Richard Allan Knazek,
Cleveland Heights
B.S. (Case Institute of Technology);
M.S. (Lehigh University)

Michael Lee Krantz, Cuyahoga Falls
A.B. (Greenville College)

Marvin William Kronenberg,
Cleveland
A.B. (Miami University)

Robert Phillip Kropac, Ravenna
B.S.

Stephen Henderson Lacey, Columbus
B.A. (Yale University)

Gary Dean Lentz, Ashland
B.S. (United States Air Force
Academy)

Joseph Michael Leonard, Lima
B.S.

Burton Lloyd Lerman, Cincinnati
A.B. (University of Michigan)

John Weston LeSar, Lancaster
B.S.

Richard Pratt MacDermott, Jr.,
Wellington
A.B. (Oberlin College)

David George Marsh, Beachwood
A.B. (Cornell University)

Richard Kazdin Maza, Toledo
B.S. (University of Toledo)

Michael Linden McGannon, Cleveland
B.S. (John Carroll University)

William Elmer McGraw, Toronto
B.S. (University of Notre Dame)

Henning Mehrens, North Olmsted
B.A.

Thomas Gordon Mignerey, Toledo
B.S. (Otterbein College)

Alan Michael Miller, Akron
B.S. (University of Akron)

Gail Dietrich Miller, LaRue
A.B. (Miami University)

James Stuart Miller, IV, Youngstown
B.S. (Mount Union College)

Frank Delbert Moeller, Fairview Park
B.S. (Muskingum College)

Albert Csaba Molnar,
Cleveland Heights
A.B. (Western Reserve University)

Paul Lawrence Mueller, Cleveland
B.A. (Valparaiso University)

James Patrick Mulrooney,
Steubenville
B.A. (College of Steubenville)

George Christopher Myers, Logan
B.S.

Richard Harmon Nealis,
East Palestine
B.A. (Thiel College)

Donna Farmer Norris, Columbus
B.A. (Fisk University)

Richard Andrew Nusser, Rocky River
A.B. (College of the Holy Cross)

Gregory Francis O'Brien, Bay Village
A.B. (College of the Holy Cross)

Margaret Ellen Wagner Olsen,
Columbus
B.A. (Ohio Dominican College)

David Joseph O'Patry, Cleveland
B.S. (Capital University)

Jerry McAdams Palmer, Akron
B.S. (University of Akron)

Robert Wayne Patti, Akron
B.S. (University of Akron)

Stephen Edwin Paul, Dayton
B.A.

George Patrick Pettit, Piketon
B.S.

Larry Lee Pfahler, New Washington
B.A. (Malone College)

Michael Dean Phillips, Columbus
B.A. (Ohio Wesleyan University)

Stephen Jay Pincus, New York, N. Y.
B.S. (Rensselaer Polytechnic
Institute)

Joseph Gerhard Rauch, Dayton
B.S. (University of Dayton)

Robert Gale Reiheld, Orrville
B.S.

James Lowell Reinglass, Canton
B.S.

Thomas Charles Richard, Westlake
B.S. (Ohio University)

William Howard Rieck, Jr., Mason
A.B. (Indiana University)

Robert Clayton Rogoff,
Warrensville Heights
A.B. (Miami University)

Linda Silsby Schultz, Mansfield
B.A.

Nathan David Schultz, Dayton
A.B. (Earlham College)

James Allen Shapero, Shaker Heights
B.A. (Washington and Jefferson
College)

Stephen Dennis Shell, Columbus
B.A.

LeRoy Shouse, Dayton
B.A. (Blackburn College)

Bruce Edward Siegel, Columbus
A.B. (Miami University)

Larry Walker Simpson, Marion
B.A. (Ohio Wesleyan University)

Ada Kathleen Skinner,
Menands, N. Y.
B.S., M.S. (State University of New
York, Albany)

Douglas Rolan Sleight, Newark
B.A. (Albion College)

Hugh Samuel Smith, Cleveland
A.B. (Case Western Reserve
University)

Arthur Leslie Stein,
Cleveland Heights
A.B. (Case Western Reserve
University)

Jan Thomas Steinbaugh, Tiffin
B.S. (University of Dayton)

Dwight Raymond Stickney, Cleveland
B.S., M.S.

Daniel Eric Stump, Sheffield Lake
B.S.

Bruce Merrill Tennebaum, Columbus
A.B. (University of Michigan)

James Eugene Thomas,
Cuyahoga Falls
B.S.

Thomas Glenn Thornton, Dayton
B.S. (University of Dayton)

Gerald Joseph Tornabene, Massillon
B.A. (Wittenberg University)

Richard Kurt von Maur, Columbus
B.I.E.

Robert Dwight Wagar, Westlake
B.S. (Cleveland State University)

David Earl Warner, Wooster
B.A. (College of Wooster)

Harvey Jarold West,
University Heights
A.B. (Cornell University)

Howard Spencer Wharton, Ashland
B.S., M.S.

James Henry Wilkin, Hillsboro
B.S. (University of Cincinnati)

Terry Earl Williams, Martins Ferry
B.A.

Keith David Wilson, Johnstown
B.S.

Daniel Edwin Wise, Columbus
B.S. (Muskingum College)

George Huffman Wolfe, Columbus
B.S. (University of Wisconsin)

Lucy Cleaver Young, Mt. Pleasant
B.S. (Wheaton College)

John Oliver Zachman, Maumee
B.A. (DePauw University)

School of Allied Medical Professions

Bachelor of Science in Medical Dietetics

Nine candidates

Barbara Ann Berner, Lorain
Gretchen Ann Griffiths, Massillon
Christine Hendricks Leyshon, Dayton
Susanne Marie Mallett, Bay Village
Tia Gold McCutcheon, Akron
Cheryl Lynne Rampey, Dayton
Sandra Lee Reese, Elida
Susan Jo Schneider, Hubbard
Karen Sue Sedlock, Largo, Fla.

Bachelor of Science in Medical Technology

Fourteen candidates

Naomi Jean Hagar, East Liberty
Barbara Ruth Haney, Baltimore
Wendy Louise Hess, Columbus
Jean Ellen Hoefinger, Hilliard
Margie Diane Hunston,
East Palestine
Marilyn Jean Kaiser, Yonkers, N. Y.
Barbara Jean LaFon, Elyria
Nancy Jean LaMancusa, Tallmadge
Carol Louise Phillippi, Columbus
Linda Fahncke Pulskamp, Celina
Sandra Ann Soviak, Berlin Heights
Richard Andrew Spisak, Parma
Elizabeth Nora Travis, Maple Heights
Michele Chipley Wright, Troy

Bachelor of Science in Occupational Therapy

Two candidates

Patrice Dilworth Moore, Cleveland
Therese Annette Tarapchak, Columbus

Bachelor of Science in Physical Therapy

Thirty-three candidates

Barbara Elin Bostad, Huron
Carol Ann Brown, Orrville
Joesphine Lucy Costanzo, Cleveland

Geraldine Marie De Nardi, Dillonvale
Gary Lyle Derscheid,
Brookings, S. Dak.

Phyllis Ann Firman, Columbus
Jo Anne Frantz Foley, Springfield
Sharon Lee Foster, Vandalia
Kathy Louann Fralick, Springfield
Rebecca Buzza Harmon, Zanesville
Nanette Lynn Helscher, Cincinnati
Delores Lynette Hetrick, Lindsey
Joan Elizabeth Hewetson, Pomeroy
Mary Susan Hopper, South Vienna
Jo Ellen Inman, Urbana
Kathleen Meister Jones, Mansfield
Sharon Rose Kelley, Reynoldsburg
Judy Ann Kohl, Springfield
Wendy Margery Kreutzberg,
Cleveland
Virginia Ann Lydie, Millersburg
Andrea Mellott McClellan, Woodsfield
Jill Agnes McGee, Cleveland
Rosiland Archer McNeeley, Bryan
Paul Robert Mitchell, Leavittsburg
Sally Louise Porr, Marshallville
Carolyn Marie Pretchel, Chagrin Falls
Janet Elaine Steward, Hamilton
Barbara Jean Tebay, Youngstown
Mary Louise Thornburg, Boardman
Ginger Joanne Tripp, Canton
Kathryn Eugenia Vervin,
East Liverpool
Susan Joyce Watson, Washington, Pa.
Christine Elizabeth Wedge,
East Canton

Certificate of Graduate Medical Technologist

One candidate

Rebecca Daniell Elledge, Columbus
B.S. (University of Texas)

Certificate of Nurse Anesthetist

Six candidates

Fredrica Mae Barrett, Geneva
Shirley Ann Biega, Wheeling, W. Va.
James William Fetters, Mansfield
Naomi Bledsoe Masters,
Barboursville, W. Va.
Sara Ann Senker, Weirton, W. Va.
Geraldene Guy Spooner, Dayton

School of Nursing

Bachelor of Science in Nursing

Fifty-two candidates

Sue Ellen Baumgardner,
Mt. Prospect, Ill.
Barbara Craig Berger, Mt. Vernon
Martha Ellen Burnett, Forest
Patricia Diane Cornwell,
Woodburn, Ore.
Christine Elizabeth Coyle, Galion
Kathleen Ann Curtiss, Toledo
Janet Louise Dirmeyer, Waverly
Elizabeth Ann Durigg, Bucyrus
Billie Jeanne Carpenter Eddy,
Columbus
Rita Joyce Fisher, Cleveland Heights
Karen Rae Ford, Norwalk
Betty Skoch Giammar, Cleveland
Leslie Ann Gigax, Wooster
Sallie Mae Gowdy, Cleveland
Barbara Ann Graham, Cincinnati
Carolyn Sue Hahn, Northbrook, Ill.
Janet Lee Hanger, Vincent
Sharon Lynn Haughey, Columbus
Mary Lee Hofacre, Lexington
Carol Johnston Hoffman, Caledonia
Marcia Louise Iler, Paulding
Marilyn Ruth Kanney, Milan
Jane Mary Keller, Dayton
Kathryn Alice Kluss, Rootstown
Phyllis Miley Koons, Eaton
Joyce Ann Lammert, Dayton
Luanne Prudhoe Lashutka, Cleveland
Judith Lynn Lilja, Coshocton
Karen Edith Maczka, Independence
Carol Rugland Meade,
Minneapolis, Minn.
Ann Lettitia Meeks, Columbus
Joanne Lagergren Menke, Cincinnati
Diana Elizabeth Miller, Lyndhurst
Lois Ann Miller, Toledo
Gretchin Curtis Mills, Kenton
Linda Kay Misel, Wyckoff, N. J.
Constance Marie Peltz, Lyndhurst
Nancy Ann Pfaltzgraf, Columbus
Janis Ellen Pitzen, Toledo
Joan Reiner, Mt. Carmel, Pa.
Dale Ernest Richmond,
Rapid City, S. Dak.
Nancy Jane Russell, Burton
Betty Ann Schwartz, Waterville
Margaret Mary Shehan, Cleveland
Sally Ann Smith, Washington C. H.
Sharon Gail Stuckey, Avon
Ceryl Kay Tays, Uniontown
Linda Aline Tinsley, Kettering

College of Optometry

Dean: Frederick W. Hebbard

Sharon Watts Voelkle, Blanchester
Phyllis Augusta Watzman,
Pittsburgh, Pa.
Roberta Schwartz Weber, Marietta
Mary Lou Weiland, Bay Village

Doctor of Optometry

Thirty-four candidates

Louis Earl Baskin, Rochester, N. Y.
Arthur Albert Bram, South Euclid
Darrell Lawrence Brautigam, Sidney
B.S.
Ronald Franklin Cooke, Harrison
B.A. (University of Louisville)
Harlan Dale Cuklanz, Estherville, Ia.
B.S. (Massachusetts Institute of
Technology)
Carol Ann Danko, Cleveland
B. S.
Thomas Barry Dankworth, Piqua
Ronald Wayne Downing, Zanesville
B. S. in Edu.
Byron Cavin Floyd, Ann Arbor, Mich.
B. S.
Lawrence Allen Gill, Cleveland
B. S.
David Dudley Glick, Columbus
B. Agr. E.
Allen Martin Goldstein, Bronx, N. Y.
B. S. (City College, New York)
Howard Saul Gottlieb,
Roslyn Heights, N. Y.
B.A. (State University of New York:
at Buffalo)
James John Hilligan, Portland, Mich.
James Steven Jambor, Maple Heights
Charles Joseph Keil, Benzonia, Mich.
B. S. in Opt.
Wallace John Knapp, Celina
George Vearl Landon, Chardon
B. S.
Ronald Lynn Mesnick, Shaker Heights
B. S.
Brice Russell Musser, Lima
B. S.
Theodore William Nichting, Hamilton
B. S.
Lyman Claire Norden, Napoleon
B. S.
Ronald Warren Peach, Oregon
B. S.
Michael Polasky, Cleveland
B. S.
Michael Jacob Riggilo, Mingo Junction
B.S.

Daniel Milton Runyan, South Vienna
B. S. in Opt.

Robert Gordon Shreiner, Middlefield
B. S.

Thomas Clarkson Snyder, Cincinnati

Nancy Peterson Uniacke, Canton
B. S.

John Eric Vandemark, Greenfield

William Steven Waldman, Cleveland
B. S.

Stephen Samuel Weinberg,
Huntington, N. Y.
B. S.

Daniel George Wherley, Stone Creek
B. S. (Otterbein College)

John William Zahara, Bucyrus
B. S.

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

Fifty candidates

Kenneth Lee Adkins, Amlin
Kenneth Allen Bachmann, Columbus
Neil Allen Baker, Livingston, N. J.
Leanna Loye Baldwin, Adena
Gary L. Chadwick, Monroeville, Pa.
Dianne Louise Courter, Orient
Donna Rae Craft, Columbus
James Bernard Dean, Ironton
Duane Ivan Everson, Belpre
Robert Howard Flowers, Lancaster
Joseph Todd Fraker, Lancaster
Terry Light Fraker, Girard
Jerome Friedman, Columbus
B. A.
Grace Marie Graham, Warren
Philip Postle Gramlich, Columbus
Ronald William Hanning, Middleport
Janet Lee Hart, North Canton
Jeffrey Sam Herbst, Cleveland
Stephen Kornel Hetey, Akron
B.S.
James Robert Hostler, Brady Lake
Max Leslie Hunt, Jr., Williamsport
Rachetta Kishony Kaseff,
Charleston, S. C.
Karel Ann King, Defiance
Kenneth Eugene Knott, Middletown
Jeri Ann Krueger, Mentor
Gordon Thomas Kulp, Columbus
Robert Louis Leeson,
University Heights
Joseph Jerry Lemmons, Springfield
Robert Edwin Lowry, Seville
Edward Dale Mast, Mt. Gilead
Richard Ewart Moloy, Columbus
B. S. (Saint Lawrence University)
Elbert William Northrup, II,
Lancaster
Marilyn Williams Northrup, Warren
John Earl Petrie, Jr., Springfield

Richard Allen Petrilla, Warren
B. S.

Henry Barnett Rutland, III,
Schenectady, N. Y.
Rosalie Sagraves, Portsmouth
Richard Alvin Sams, Lebanon
Mary Lou Sasser, The Plains
James Michael Saus, Tiltonsville
Marialice Rose Schmitt, Columbus
David Lee Siddle, Columbus
Barbara Jean Slater, Steubenville
Michael Todd Smith, Columbus
Stephen Forrest Stamm, Mantua
Stephen Andrew Stolec, Lorain
B. S.
Christina Ruth Urban, Dayton
B. S.
Robert Milton Wagonblott,
Reynoldsburg
Robert Timothy Webster,
St. Clairsville
David Gary Young, Delaware

College of Veterinary Medicine

Dean: Clarence R. Cole

Doctor of Veterinary Medicine

Seventy-three candidates

William X Ahlering, Cincinnati
Robert George Allen, Sidney
B. S. (Wittenberg University)
John Allen Anderson, Reading
B. A. (Miami University)
John Scott Anderson, Grove City
Lawrence Louis Baum, Hamilton
Marcus James Beher, Springfield
B. S. in Agr.
Herbert Allen Betts, Shelby
Lawrence Edward Blum, Mt. Healthy
B. S. in Agr.
Peter McCoy Bowen, Wooster
Larry William Bruestle, Cincinnati
B. S. (Ohio University)
Edgar Clayton Buck, Elmore
B. S. in Agr.
James Ralph Buck, Monroe
B. S. (University of Cincinnati)
Keith Duane Burgett, Hammondsville
B. S. in Agr.
Roy Richard Buss, Orrville
Neal James Caldwell, Beallsville
Kenneth Allen Clever, Johnsville
George Gilbert Cloyd, Elida
James Ellson Cobb, Jr., Grafton
James Michael Cochran, Zanesville
B. S. in Agr.
Joseph Michael Cornwell, Portsmouth
Gordon Spencer Davis, Hillsboro
Murray Paul Deckelbaum, Cincinnati
Stanley Austin Eichelberger,
Cincinnati
B. S.
Keith Russell Evringham, DeGraff
James Leroy Ewing, Dayton
B. S. (Iowa State University)
Niles David Farris, Lakewood
B. A. (Kent State University)
Jay Lamont Forsyth, Canton
William Anthony Frey, Jr., Dayton
B. S. in Agr.
Lawrence Ernest George,
Mt. Blanchard

Sallie Margaret Ginaven, Akron
 Richard Charles Hackenbracht, Bellevue
 John Cole Harroff, Salem
 Jerry Chester Haughn, Leipsic
 Donald Walter Heagren, Mt. Vernon
 Richard Alexander Hersman, Wooster B. A. (College of Wooster)
 Kenneth Frank Holec, East Cleveland
 Theron Wesley Hysell, Columbus B. S. in Edu.
 Mark Allen Johnson, Lima
 Robert Elton Kaderly, Hilliard B. S. (Otterbein College)
 Ronald Michael Kondrich, Lakewood B. S.
 Stephen Michael Kurtzer, New York, N. Y.
 *Robert Lee Lautzenheiser, East Canton
 Anthony Taylor Lesh, Cleveland B.A. (Marietta College)
 Ward Howard Lutz, Urbana B.S. in Agr.
 Edward Mathew Maleski, Tippecanoe B.S. in Agr.
 Michael William Mathews, Huntington, W. Va. B.S. (Hampden Sydney College)
 William Frank McClymonds, Youngstown
 Clair Bruce McCullough, Mt. Victory B.S. in Agr.
 Lynn Stone McGrew, Columbus B.S. in Agr.
 *John Ruskin Mehaffey, Cambridge
 Robert Lorenzo Nelson, Athens A.B. (Ohio University)
 William Edward Ridder, Springfield
 Richard Lee Rudy, Jr., Columbus
 Sharon Ann Schumann, Wapakoneta B.S. in Agr.
 George Harry Siemering, III, Milford
 James Bradley Smith, Toledo B.S.
 Thomas Michael Smith, Reynoldsburg
 Royall Beverley Smithey, Richmond, Va.
 Richard John Smolen, Jefferson
 Michael Charles Snyder, Newark
 Timothy William Snyder, Avon Lake
 Stephen A. Solomon, Canton B.S.
 Rick Anthony Somers, Lima B.A. (Miami University)
 Roger Dee Spiess, Delta
 Richard Lynn Springer, Columbus
 Charles Thomas Steinman, Kenton
 David Woltmann Strickler, Mansfield B.S. in Agr.
 James Allen Walsh, Springfield
 Mark Edward Weaver, Jr., Sandusky
 *Penny Maurine Westenbarger, Lancaster
 Gary Robert Wiedwald, Cleveland B.A. (Miami University)
 John Rodgers Wilson, Lewisburg, W. Va.
 Robert John Wolterman, Cincinnati B.S. in Pharm. (University of Cincinnati)

* Also Bachelor of Science in Agriculture,
 College of Agriculture and Home Economics

Graduates with Honors

Summa Cum Laude

Mark Rogers Abel, Athens
 Richard Eugene Baker, Columbus
 Lois Jeanne Baldwin, Parma Heights
 Suzanne Catharine Ball, Logan
 David Regis Barnhizer, Youngstown
 Bonita Lee Boger, Akron
 John David Bond, Akron
 Ronald Alan Brown, Caldwell
 Patricia Ann Burgess, Cuyahoga Falls
 Lee Mark Butler, Columbus
 William Kerr Butler, Wellston
 Ruth Anne Cardwell, Ironton
 Arnold Mathew Chonko, Parma
 George Gilbert Cloyd, Elida
 Harlan Dale Cuklanz, Estherville, Ia.
 Charles Stephen DeSilets,
 Drexel Hill, Pa.
 Stephen Roy Dillon, Columbus
 Margaret Louise Enke, North Canton
 Janis Lynn Feters, Lancaster
 Eric Bruce Fisher, Wapakoneta
 Dennis Michael Frank, Louisville
 Robert Harold French, Bellaire
 William Craig Fuller, Westerville
 Timothy Craig Hawkins, Dayton
 Linda Elaine Heaton, Columbus
 Larry Ronald Hedrick, Omaha, Nebr.
 Susan Hesney, Parsippany, N. J.
 Ruth Klingensmith Hough, Mansfield
 Julia Ann Huffman,
 Shawnee Mission, Kan.
 William Michael Isaac, Bryan
 Janine Anne Joines, Levittown, Pa.
 James Dean Joseph, Grove City
 Richard Dale Katnik, Cambridge
 Marlene Janet Kendall, Pataskala
 Linda Ann Koon, Columbus
 Luanne Prudhoe Lashutka, Cleveland
 Anne Marie Leggett, Columbus
 Carol Ann Mack, Glenford
 William Courtney Martin, Jackson
 Joseph Richard Matson, Tipp City
 Bonnie Faye Meadors, Cincinnati
 Gretchen Curtis Mills, Kenton
 Joan Elizabeth Molloy, Worthington
 Elizabeth Cole Moloney, Mentor
 Nancy Ann Pfaltzgraf, Columbus
 Barbara Jean Phillips, Akron
 John LaVerne Regner, Columbus
 Jay Christopher Shaffer, Cincinnati
 Thomas Joseph Shumard,
 Mingo Junction
 Marsha Diane Spero, Shaker Heights
 Wade Charles Tolleson, Huron
 Gregory Frank VanGundy, Bryan
 Gayle Lynne Waite, Newark
 Virginia Beamer Weinhold, Columbus
 Linda Tabler Weissinger, Wapakoneta
 Nancy Rice Wharton, Columbus
 Mary Acord Wilkins, Lima
 Virginia Stahl Woodring, Granville
 John Oliver Zachman, Maumee

Cum Laude

Thomas Atchison Ables, Cambridge
 Mohamad Abrishaman, Tabriz, Iran
 William Ray Adams, Fairborn
 Bernard Irwin Agin,
 University Heights
 Robert George Allen, Sidney
 Betty Jean Andreas, Worthington
 Carol Elaine Angel, Sugarcreek
 Richard Arthur Anthony,
 Fairport Harbor
 Arol Ray Augsburg, Lima
 Paul Joseph Axelrod, Cleveland
 Kenneth Allen Bachmann, Columbus
 Richard Allen Ball, Mansfield
 John Parrish Beavers, Worthington
 David Clarence Beever, Shadyside
 Bruce Alan Bell, Canton
 Susan Jane Bender, Oxon Winchester
 Barbara Ann Berner, Lorain
 George Clark Biehl, Canton
 Richard Frederick Blass, Conneaut
 Paul Alan Bogenrief,
 Balboa Island, Calif.
 William Parker Bridges,
 Ontario, N. Y.
 Michael Marshall Briley, Perrysburg
 Lauren Helen Brothers, Rocky River
 Gail Bradford Brown, Grove City
 Carol Ann Brunhoefer, Worthington
 Jennie Rae Buckner, Portsmouth
 James Patrick Cagey, Gahanna
 John Robert Campbell, Belle Center
 Roy Edwin Carlson, Youngstown
 Judith Ellen Case, Columbus
 Paul Joseph Casper, Worthington
 Vicki Lynn Casto, Grove City
 Allen Delos Clark, Farmington, Mich.
 Frank Michael Clement, Parma
 Thomas Joseph Cogan, Columbus
 Robert William Colby, Columbus
 Julia Twomey Connell, Adel, Ga.
 Janice Baker Cook, Columbus
 Lynn Patrice Cook, Sidney
 Victoria Diaz Cope, Salem
 Edward Thomas Costello, Toledo
 David Eric Cowall, Columbus
 Belita Harriet Cowan,
 University Heights
 Herbert Eugene Craig, III,
 Middlefield
 Suanne Marie Crawford,
 Parma Heights
 James Robert Crone, Cincinnati
 Carmen L. Cummins, Pioneer
 Barbara Kay Davis, Columbus
 Gail Fotheringham Davis, Columbus
 Richard Wayne Delong, Kingston
 Sharon Bliss Dinsmore, Kettering
 Roland Roy Dute, South Amherst
 Larry Paul Ebbert, Ravenna
 Lisa Susan Ede, Findlay

Linda Marie Eiben, Cleveland
 Lawrence Oliver Eitzen, Bay Village
 LeRoy John Essig, Woodbury, N. Y.
 James Frederick Fell, Toledo
 Judith Carol Fenton, Kettering
 Patrick Walter Flanigan, Dayton
 Sondra Carolina Flick, Batavia
 Jo Anne Frantz Foley, Springfield
 Gary LeVaunt Ford, Steubenville
 Jeffrey E. Fromson, Shaker Heights
 Thomas Edward Fulton, Fairborn
 Lois Eileen Greenberg, Hillside, N. J.
 Dana Lee Heacock, Mt. Gilead
 Lucinda Joan Heinmiller, Columbus
 Rita Marie Heinmiller, Columbus
 Norbert Horst Hertl, New Holland
 P. Thomas Hiser, Oswego, N. Y.
 John Wallace Hoeffler, Mansfield
 Frank McGahey Hudson,
 Oxon Hill, Md.
 Roger Edwin Kephart, Painesville
 Marvin James Kinstlinger, Cleveland
 Susan Lee Kirsner, Toledo
 Richard Allan Knazek,
 Cleveland Heights
 Judith Louise Koch, Bay Village
 Phyllis Milek Koons, Eaton
 Michael Lee Krantz, Cuyahoga Falls
 Mark Stephen Lally, Columbus
 Alan Roy Lang, Cincinnati
 Sally Hatten LeCrone, Columbus
 Robert Edward Levey, Toledo
 James Ronald Ligas, Barberton
 Bruce Michl Lloyd, McConnelville
 Daphne Anne Loew, Cincinnati
 Michael Gary Long, Dexter City
 Donald Ralph Loose, Grove City
 Stephen Henninger Lowry, Kettering
 Donald Leo Maines, Jr., Columbus
 Jonpaul Rogers Martin, Leavittsburg
 Kathleen Smith McCann, Heath
 Michael Edward McConnell, Gahanna
 Elizabeth Jane McGill, Lebanon
 Timothy John McGrath, Columbus
 James Ross McIlvaine, Dover
 John Glenn McWilliams, Galion
 Susan Jane Meeth, Parma Heights
 Kathleen Alice Mikol, Cleveland
 Robert Richard Namay, Millbury
 Teodora Ngo, Columbus
 Theodore William Nichting, Hamilton
 Barbara Ellen Oster, Mansfield
 Ronald Joe Palenshus, Bucyrus
 Evalyn Conwell Parks, Worthington
 Jerry William Parsons, Dayton
 William David Paulus, Lyndhurst
 Carla Lee Peddicord, Columbus
 Suzanne Elizabeth Peer, Dayton
 Susan Ellen Pelz, West Richfield
 George Patrick Pettit, Picketon
 Jerome Phillips, Toledo
 Jack Richard Pigman, Jr., Fostoria
 James Edward Poff, Findlay

Nick Joseph Rackoff, Youngstown
Carol Hausman Ramaley,
Lake Forest, Ill.

David Kennedy Riley, Celina
John Michael Salimbene, Columbus
Joseph Anthony Samaritoni,
Sandusky

Richard Alvin Sams, Lebanon
Marialice Rose Schmitt, Columbus
Nancy Fern Schneider, Springfield
Donald James Shade, Cleveland
Paul Simon Shaker, Niles
Patricia Ellen Shively, Columbus
Susan Anita Skeldon, West Jefferson
William Westley Somers, Euclid
Joel David Sommers, Cleveland
Timothy Jay Sonnenberg, Holgate
Paul Larry Sprinkle, East Canton
Carole Lynne Spring, Columbus
Kathleen Theresa Steiger, Lakewood
Sharon Elizabeth Stell, Twinsburg
Fredric Dale Stevens, North Canton
Dwight Raymond Stickney, Cleveland
Emil Stipanovich, Jr., Youngstown
Rosalie Ann Stluka, Columbus
Karen Louise Tetirick, Columbus
John Harold Thrush, Worthington
Larry Edwin Trover, Columbus
Lee Irwin Turner, Shaker Heights
Robert Raymond Twohig, Jr.,
Huntington, W. Va.
Fred Franklin Valins,
University Heights
Roger Edwin Walters, Grove City
David Scott Weaver, Toledo
Bradley Gray Wertman,
New Lexington
David Brooks Westwater, Jr.,
Columbus
Leslie Barkas Wettan,
New York, N. Y.
Beverly Ann Whaley, Bucyrus
William Craig Wilkin, Hillsboro
Howard Joseph Williams, Cleveland
Keith David Wilson, Johnstown
Helga Witzmann, New Washington
Frank Chester Woodside, III,
Cincinnati
Sandra Kay Yarnell, Wooster

**Summa Cum Laude and with
Distinction in Geography**

Richard Harvey Underwood,
Columbus

**Summa Cum Laude and with
Distinction in History**

Paula Kaye Benkart, Youngstown

**Summa Cum Laude and with
Distinction in Mathematics**

David Uhl Martin, North Canton

**Summa Cum Laude and with
Distinction in Philosophy**

Nancy Dorothy Weber, Carteret, N. J.

**Cum Laude and with
Distinction in Astronomy**

Daniel Norviel McGrath, Columbus

**Cum Laude and with
Distinction in Greek and
Ancient History**

Patricia Ann Myers, Dayton

**Cum Laude and with
Distinction in Biology**

Gary William Allen, Columbus
William James Kraus, Cincinnati

**Cum Laude and with
Distinction in Home Economics**

Annette Jackson, Powell

**Cum Laude and with
Distinction in Mathematics**

Bernard Louis Baltz,
Indianapolis, Ind.
Phillip Alan Wisecup, Livonia, Mich.

**Cum Laude and with
Distinction in Microbiology**

Donna Marie Richardson,
Cleveland Heights

**Cum Laude and with
Distinction in Political Science**

Lloyd Warren Siegel, South Euclid

**Cum Laude and with
Distinction in Physics**

Michael Hermann Shaevitz, Columbus

**Cum Laude and with
Distinction in Psychology**

William Chapman Holliday,
Youngstown

**Cum Laude and with
Distinction in Sociology**

Nancy Kay DiTomaso, Canton

**Cum Laude and with
Distinction in Zoology**

Margaret Edwina Barnett,
White Plains, N.Y.

**With Distinction in
Agricultural Economics**

Douglas Lyle Box, Grand Rapids
James David Dean, Geneva
Ronald Arthur Meier, Perrysburg
James Ivan Stitzlein, Ashland
Ronald Ray Wenning, Celina

**With Distinction in
Agricultural Education**

Don Delbert Sharp, Jr., Amanda

With Distinction in Agronomy

William Austin Anderson, Columbus
Kenneth Ray Olson, Jefferson

With Distinction in Animal Science

Roger Norman Hicks,
Canal Winchester

With Distinction in English

Kathleen Margaret Walsh,
Springfield

With Distinction in Geography

John Michael Griffin, Celina

With Distinction in History

David Max Burkons, Shaker Heights
Robert Cooper Leher, Denver, Colo.

With Distinction in Journalism

Katherine Jean Roth,
New Brighton, Pa.

With Distinction in Pharmacy

Stephen Kornel Hetey, Akron

With Distinction in Philosophy

Ransom Everett Slack, Marietta

With Distinction in Sociology

Eugene Calvin Cheatham, III,
Columbus

With Distinction in Theatre

James Francis Brandt, Columbus
Leeann Gatchell, Findlay

With Distinction in Zoology

Bruce Carter, New Plymouth
Gary Alan Roselle, Columbus

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND FORTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 12, 1969

The Board of Trustees met at its regular monthly meeting on Thursday, June 12, 1969, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, Jack G. Gibbs, Frederick R. Eckley and John W. Bricker.

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Minutes of the last meeting were approved.

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President Fawcett stated that he was on the third week following his second eye operation and that he was unable to focus on the printed word even with his good eye. He requested Dr. Corbally to present the recommendations on his behalf. He indicated that he wanted to express publicly his good fortune at having a great many fine colleagues who kept the work of this institution moving forward during this absence as well as his previous absence. He further stated that from everything he had heard while he could not see it, that all the activities associated with Commencement and the Commencement itself were testimony to their effectiveness. President Fawcett expressed the further hope that by the time the Board convenes again that he would be back in full swing.

Before Dr. Corbally proceeded with the recommendations, Mr. Shocknessy made the following motion:

I hope the Chairman will indulge me in offering a motion of commendation for the excellence of the arrangements which were made by President Fawcett; Dr. John E. Corbally, Provost; Dr. Edward Q. Moulton, Executive Assistant to President Fawcett; and Mr. Robert Smith, Vice President for University Development; and to indicate the pride our Board has in the hospitality and the courtesies which were extended to the Vice President of the United States, and for the fact that not a single untoward incident of any consequence occurred during the Commencement proceedings.

The motion was seconded by Mr. Jones and unanimously adopted.

Vice President Corbally presented the following recommendations on behalf of President Fawcett:

I. GENERAL RECOMMENDATIONS

A. Budgets for the 1969-70 Fiscal Year

Vice President Corbally presented President Fawcett's statement pertaining to the recommended budgets for the 1969-70 fiscal year:

Before submitting to you the formal recommendation concerning University budgets for 1969-70, I want to make a brief statement concerning the major features of these budgets. As the resolution will indicate, we are estimating expenditures during 1969-70 in the amount of \$188,063,338. This amount represents an increase of approximately \$15 million over final estimated expenditures for 1968-69. Slightly over \$3 million of this increase occurs in restricted grants and contracts and in auxiliary enterprises leaving about \$12 million in increases in the general unrestricted budgets. We approached the development of this budget with the recognition that continued inflationary pressures would require fairly sizeable increases in operating expenses. We also recognized that faculty and professional salaries in institutions comparable to Ohio State

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1969-70 Fiscal Year (continued)

have been increasing over the past few years at a rate of about 7% per year. In spite of uncertainties concerning appropriations in support of University programs, we also felt it necessary to attempt to continue the development of a limited number of high priority and essential number of new programs and program improvements. Finally, because of the nature of University requirements for annual budget revision as opposed to a state system of biennial appropriations, it is necessary for us to reserve funds in 1969-70 to support increases in 1970-71. Budget calculations have been based upon an estimated enrollment increase of approximately 4% over 1968-69 enrollments.

As a result of our budget deliberations and in keeping with the factors mentioned above, the \$12 million increase will be used almost in its entirety to sustain the current level of effort of this University. Increases in faculty salaries which average approximately 5% and statutory increases in classified personnel account for \$2.6 million of this total. Slightly over \$3 million is the minimal amount needed for the strengthening and improvement of the existing programs as well as for an extremely limited number of new programs in such critical areas as natural resources, computer science and library circulation. In addition, there are a number of built-in increased costs over which we have little or no control in such areas as utilities, equipment and contract services. At the same time we are bringing a number of new facilities on line during this coming year on the main campus as well as opening the west campus. Meeting the costs of enrollment increases being accommodated with these additional facilities will require about \$1.1 million of additional support in the areas of personnel and operating expenses. Changes in retirement contributions will require slightly over \$700,000, while general price increases in operating expenses within the instructional programs will consume another half million dollars. Our carry forward to 1970-71 adds approximately \$1 million with the remaining increases making up the total of \$12 million.

This budget represents a minimum budget to support the continued operation of existing University programs and a limited effort to maintain the momentum in academic development which the University has experienced over the past few years. We have reduced our earlier program requirements in the amount of \$10 million, and it is my opinion that the budget recommendation which I shall now present does represent the necessary expenditures if The Ohio State University is to continue to serve the people of the State of Ohio as their principal state university.

June 12, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1969-70 Fiscal Year (continued)

With this background of information, Vice President Corbally presented for consideration by the Board of Trustees a continuation budget proposal involving all of the current budgets for the operation of The Ohio State University for the fiscal year 1969-70:

While the Ohio General Assembly has not as yet completed action upon either appropriations legislation for education for the 1969-71 biennium or several bills which might affect pay ranges for Civil Service personnel, the requirements related to the continued operation of the University make it necessary to prepare at this time University expenditure budgets for 1969-70. The following proposals require income from State subsidy in the amount of \$58,858,100 or income from a combination of State subsidy and increased student fees in that amount exclusive of the amount necessary to fund any Civil Service salary increases above those now mandated by existing statutes. An analysis of current legislative proposals before the General Assembly indicates that some increases in student fees may be necessary effective with the Autumn Quarter, 1969.

The expenditure budgets for 1969-70 have been prepared for the second time using the new "program budgeting" procedure. This technique is proving highly successful in bringing the judgment and priorities of all elements of the University into focus. The procedure involves calculating a continuation budget based upon enrollment changes and cost of living factors and then examining needs for new or improved programs. The Current Funds Budget for 1968-69 approved by the Board of Trustees on June 13, 1968, contained expenditure estimates of \$163,112,910. Due to increases in grants and contracts, student fees and State subsidy, the final estimates for 1968-69 now indicate expenditures of \$172,630,225. The budget for 1969-70 as proposed, contains estimated expenditures of \$188,063,338, an increase of 8.9 per cent.

	1968-69 Original Budget	1968-69 Final Estimates	1969-70 Budget
<u>General Budgets</u>			
Personal			
Services	\$ 61,560,258	\$ 63,590,705	\$ 70,474,027
Operating and			
Equipment	15,900,436	17,218,074	19,935,945
Student Services	2,380,000	2,523,000	2,875,000
Fee Waivers	3,390,000	4,059,000	5,353,500
All Other	2,706,395	2,800,057	3,795,911
Total	\$ 85,937,089	\$ 90,190,836	\$102,434,383

June 12, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1969-70 Fiscal Year (continued)

	1968-69 Original Budget	1968-69 Final Estimates	1969-70 Budget
<u>Branch Campuses</u>	\$ 2, 635, 273	\$ 2, 604, 389	\$ 2, 970, 800
<u>Restricted Budgets</u>			
Endowments	\$ 525, 000	\$ 530, 000	\$ 550, 000
Federal Grants / Contracts	10, 500, 000	13, 000, 000	13, 200, 000
Ohio Grants / Contracts	1, 050, 000	1, 260, 000	1, 300, 000
Private Grants / Contracts	2, 300, 000	3, 700, 000	3, 550, 000
All Other	1, 328, 548	1, 325, 000	1, 359, 000
Total	\$ 15, 703, 548	\$ 19, 815, 000	\$ 19, 959, 000
<u>Rotary and Auxil- iary Budgets</u>			
Cooperative			
Extension	\$ 7, 000, 000	\$ 7, 200, 000	\$ 7, 540, 000
University			
Hospitals	24, 600, 000	25, 000, 000	25, 105, 825
University Dor- mitories	8, 650, 000	9, 150, 000	9, 553, 330
Intercollegiate			
Athletics	3, 310, 000	3, 600, 000	3, 800, 000
Departmental			
Earnings	6, 127, 000	4, 550, 000	5, 520, 000
University			
Services	2, 950, 000	3, 270, 000	3, 280, 000
All Other	6, 200, 000	7, 250, 000	7, 900, 000
Total	\$ 58, 837, 000	\$ 60, 020, 000	\$ 62, 699, 155
Grand Total	<u>\$163, 112, 910</u>	<u>\$172, 630, 225</u>	<u>\$188, 063, 338</u>

It is recommended that these expenditure budgets and the supporting statements for the foregoing summary figures which have been reviewed by the Board of Trustees be approved, and that the Secretary be instructed to file these detailed budget statements for the fiscal year 1969-70 with the official records of the University. It is recommended also that final summary statements be prepared for a subsequent meeting of the Board of Trustees reflecting final action by the Ohio General Assembly concerning appropriations and recommending any necessary action by the Board of Trustees concerning student fee increases, since it is not known at this time what restrictions or review procedures concerning student fees may be contained in potential appropriation legislation. Finally, it is

June 12, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1969-70 Fiscal Year (continued)

recommended that it be the sense of this motion that the Current Funds Budget of \$188, 063, 338 must be funded through a combination of income sources including adjustments in student fees and programs as may be required to achieve the intent of this expenditure plan.

Upon motion of Mr. Safford, seconded by Mr. Jones, the Board of Trustees approved the said budgets for the 1969-70 fiscal year by unanimous roll call vote.

Budget for The Ohio State University Research
Foundation for the 1969-70 Fiscal Year

It is recommended that The Ohio State University Research Foundation annual budget for the fiscal year 1969-70 be approved in an amount not to exceed \$1, 184, 134. This budget was approved by the Board of Directors of The Ohio State University Research Foundation at its annual meeting on April 18, 1969.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, The Ohio State University Research Foundation budget for 1969-70 was approved by unanimous roll call vote.

B. Establishment of the Frank E. and Mary W. Pomerene Professorship in the Prevention and Treatment of Infectious Diseases

At the April 10, 1969 meeting of the Board of Trustees the Mary W. and Frank E. Pomerene Memorial Fund was established with a gift to the University through The Ohio State University Development Fund from the Estate of the late Mary W. Pomerene.

The above-specified fund had \$102, 500. 00 deposited in the University's Investment Portfolio at the time of its establishment and was to be used in the fields of prevention and treatment of infectious diseases. An additional increment from the estate received by the University on April 22, 1969, brings the total received to date to \$124, 518. 70. With this large amount of principal and the accrued interest from such principal, the total will be greater than the \$125, 000. 00 minimum required for an endowed professorship.

Vice President Corbally recommended therefore that the Mary W. and Frank E. Pomerene Memorial Fund be changed to the "Frank E. and Mary W. Pomerene Professorship." This professorship is to support a professor in the prevention and treatment of infectious diseases within the College of Medicine.

Upon motion of Mr. Shocknessy, seconded by Mr. Eckley, the Board of Trustees approved the establishment of the "Frank E. and Mary W. Pomerene Professorship" by unanimous roll call vote.

June 12, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Naming of Street

Upon the recommendation of the President's Cabinet, it was proposed that the existing Service Building Road be renamed "Millikin Road," to recognize and honor Professor Joseph Millikin, first professor of English and modern language and literature at the University.

This proposal is in accordance with the By-Laws of the Board of Trustees. Vice President Corbally recommended that said proposal be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. Revision of Rule 29.2705 and Addition of a New Rule 29.2729 to Rules for the University Faculty

The Faculty Council on May 13, 1969, approved the revision of an existing rule (Rule 29.2705) and the addition of a new rule (Rule 29.2729) to the Rules for the University Faculty. (See Appendix IX, page 697.) These changes accomplish the following purposes:

1. In Section 1 of Rule 29.2705, provision is made for an additional student member on the Library Council.
2. Rule 29.2729 establishes a Committee on Academic Freedom and Responsibility.

Vice President Corbally recommended therefore that this action of the Faculty Council be approved.

Upon motion of Mr. Safford, seconded by Mr. Eckley, the Board of Trustees approved the above recommendation by unanimous roll call vote.

E. Establishment of a New Program Leading to the Master of Arts Degree in the History of Art

The Council on Academic Affairs at a meeting on April 16, 1969, approved for transmittal to the Faculty Council a proposal for the establishment of a new program which would lead to the Master of Arts degree with a field of specialization in the History of Art. This proposal was approved by the Faculty Council at a meeting on May 13, 1969, and is to become effective immediately.

This degree program will prepare the student for teaching on the junior college or college level and for entry into a doctoral program.

Vice President Corbally recommended therefore that this action of the Faculty Council be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Jones, the Board of Trustees approved the above recommendation by unanimous voice vote.

June 12, 1969 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Honorary Degree

Pursuant to Section 3, Rule 11.05, of Rules for the University Faculty, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, the honorary degree--Doctor of Laws--was conferred upon Spiro T. Agnew, Vice President of the United States, at the June 7, 1969 Commencement.

Vice President Corbally recommended that the action of the President be ratified.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the Board of Trustees ratified the said action by unanimous voice vote.

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II. PERSONNEL CHANGES

Vice President Corbally recommended that all personnel changes since the May 8, 1969 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointments, Promotion, Leaves of Absence Without Salary and Emeritus Titles:

A. Appointments

Samuel Chang-ling Chu, Professor, Department of History, effective October 1, 1969, at a salary of \$18,168.00 per annum.

Donald R. Cruickshank, Professor, College of Education, effective October 1, 1969, at a salary of \$20,088.00 per annum.

Alfred R. Ferguson, Professor, Department of English, effective October 1, 1969, at a salary of \$22,248.00 per annum.

P. John Kozyris, Professor, College of Law, effective October 1, 1969, at a salary of \$19,848.00 per annum.

T'ien-yi Li, Mershon Professor, Division of East Asian Languages and Literatures, effective October 1, 1969, at a salary of \$22,608.00 per annum.

Carl L. Marshall, Professor, Lima Campus, effective October 1, 1969, at a salary of \$16,008.00 per annum.

Earl Finbar Murphy, Professor, College of Law, effective October 1, 1969, at a salary of \$24,048.00 per annum.

June 12, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

Morgan Shipman, Professor, College of Law, effective October 1, 1969, at a salary of \$22,248.00 per annum.

H. Yuan Tien, Professor, Department of Sociology, effective October 1, 1969, at a salary of \$18,048.00 per annum.

R. Wayne Walker, Professor, College of Law, effective July 1, 1969, at a salary of \$21,684.00 per annum.

B. Promotion

Colin B. B. Bull from Professor in the Department of Geology to Professor in and Chairman of the Department of Geology, effective August 1, 1969, at a salary of \$24,528.00 per annum.

C. Leaves of Absence Without Salary

Luvern L. Cunningham, Dean and Professor, College of Education, effective September 1, 1969 through June 30, 1970, to accept an invitation to participate in the program of the Center for Advanced Study in the Behavioral Sciences, Palo Alto, California.

Leonard D. Bayer, Professor, Department of Agronomy, effective June 20, 1969 through July 20, 1969, to study agricultural practices in Indonesia.

Jacob W. Old, Jr., Associate Professor, Department of Pathology, effective June 1, 1969 through June 30, 1969, for personal reasons.

John W. Oren, Jr., Instructor (County Extension Agent, Agriculture) Ashtabula County, Cooperative Extension Service, effective June 16, 1969 through June 30, 1969, to participate in a program of professional improvement at The Ohio State University.

D. Emeritus Titles

Frank E. Wilson, Professor Emeritus, School of Architecture, effective July 1, 1969.

Charles H. Benner, Associate Professor Emeritus, College of Education, effective July 1, 1969.

June 12, 1969 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Emeritus Titles (continued)

Margaret C. Tyler, Assistant Professor Emeritus,
College of Education, effective July 1, 1969.

Upon motion of Mr. Safford, seconded by Mr. Gibbs, the Appointments, Promotion, Leaves of Absence Without Salary, Emeritus Titles, Promotions in Rank and the personnel budget actions as recorded in the official "1969-1970 Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and
The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, Vice President Corbally recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as National Institutes of Health Project No. 2049 - Sup. #6 - Department of Veterinary Pathology).
Gross Value - \$1,970.00.
- a2. Department of Health, Education and Welfare, Office of Education, Washington, D. C., ERIC Information Analysis Center for Science Education (to be known as Office of Education Project No. 2228 - Mod. #3 - College of Education - Science and Mathematics Education).
Gross Value - \$159,910.00.
- a3. U. S. Air Force, Rome Air Development Center, Procurement Division, Griffiss Air Force Base, New York, Analysis of Sandwich Materials (to be known as Rome Air Development Center Project No. 2602 - Mod. #1 - Department of Mechanical Engineering).
Gross Value - \$7,420.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- a4. George C. Marshall Space Flight Center, National Aeronautics and Space Administration, Marshall Space Flight Center, Alabama, Preparation of Pigments for Space-Stable Thermal Control Coatings (to be known as National Aeronautics and Space Administration Project No. 2633 - Amend. #1 - Department of Ceramic Engineering). Gross Value - \$20,970.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Air Pollution Control Administration, Consumer Protection and Environmental Health Service, Durham, North Carolina, Development and Presentation of Course Entitled "Contract Orientation for Project Officers" (to be known as National Air Pollution Control Administration Project No. 2778 - Sup. #1 - College of Administrative Science - Division of Continuing Education). Gross Value - \$652.00.
- a6. Headquarters, U. S. Army Aviation Materiel Laboratories, Fort Eustis, Virginia, Preliminary Study of Helicopter Rotor Boundary Layers (to be known as U. S. Army Aviation Materiel Laboratories Project No. 2802 - New - Department of Mechanical Engineering). Gross Value - \$68,449.00.
- a7. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research and Development in the Field of Aerospace Environmental Stresses (to be known as Air Force Systems Command, Aeronautical Systems Division Project No. 2803 - New - Department of Preventive Medicine). Gross Value - \$22,330.00.
- a8. Department of the Army, Picatinny Arsenal, Dover, New Jersey, Develop Mathematical Models of Antennas (to be known as Picatinny Arsenal Project No. 2805 - New - Department of Electrical Engineering). Gross Value - \$39,931.00.
- a9. U. S. Atomic Energy Commission, Argonne, Illinois, Electrotransport in Liquid Metals (to be known as U. S. Atomic Energy Commission Project No. 2818 - New - Department of Metallurgical Engineering). Gross Value - \$34,043.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- a10. Aeronautical Systems Division, Department of the Air Force, Wright-Patterson Air Force Base, Ohio, Research on the Effects of Multi-Task Time Sharing Requirements on Crew Performance (to be known as Aeronautical Systems Division Project No. 2821 - New - Department of Psychology).
Gross Value - \$69,000.00.
- a11. Office of Naval Research, Procuring Contracting Officer, Department of the Navy, Washington, D. C., Open-Loop Analysis of the Carbon Dioxide Receptor Reflex (to be known as Office of Naval Research Project No. 2822 - New - Department of Physiology).
Gross Value - \$27,470.00.
- a12. Procurement Division, Aberdeen Proving Ground, Maryland, Analysis and Monitoring of a Fast Reactor Core Coupled with Experimental Apparatus (to be known as Aberdeen Proving Ground Project No. 2823 - New - Department of Mechanical Engineering).
Gross Value - \$7,896.00.

TOTAL - Government Research Contracts - Federal \$460,041.00

2. Industrial and Other Research Contracts

- a1. American Iron and Steel Institute, New York, New York, Atomic Interactions in Molten Iron Alloys (to be known as American Iron and Steel Institute Project No. 2808 - New - Department of Metallurgical Engineering).
Gross Value - \$26,244.00.
- a2. Industrial Sponsor, Oral Bacterial Enumeration (to be known as Industrial Project No. 2824 - New - College of Dentistry).
Gross Value - \$15,019.00.

TOTAL - Industrial and Other Research Contracts \$41,263.00

3. Government Research Grants - Federal

- a1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Neurological Diseases and Stroke, Bethesda, Maryland, Tracing Photoreceptor Activity Within the Retina (to be known as National Institutes of Health Project No. 782-1 - Ext. #9 - College of Biological Sciences - Biophysics).
Gross Value - \$18,221.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a2. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hemopoiesis: A Histochemical and Cytological Study (to be known as National Institutes of Health Project No. 893-J - Ext. #10 - Department of Anatomy).
Gross Value - \$24,778.00.
- a3. Department of Health, Education and Welfare, Public Health Service, Industrial Health, Bureau of Disease Prevention and Environmental Control, Washington, D. C., Significance of Spore-Forming Microorganisms in Milk (to be known as Bureau of Disease Prevention and Environmental Control Project No. 1046-I - Ext. #9 - Department of Dairy Technology).
Gross Value - \$26,446.00.
- a4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Comparative Biochemistry of Normal and Diseased Hearts (to be known as National Institutes of Health Project No. 1100-G - Sup. #3 - Department of Surgery).
Gross Value - \$2,397.00.
- a5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Clinical Research Center (to be known as National Institutes of Health Project No. 1196-2H - Sup. #1 - Department of Medicine).
Gross Value - \$1,758.00.
- a6. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Facilities and Resources, Bethesda, Maryland, General Clinical Research Center (to be known as National Institutes of Health Project No. 1196-3H - Sup. #1 - Department of Medicine).
Gross Value - \$49,433.00.
- a7. Department of Health, Education and Welfare, Public Health Service, Bureau of Disease Prevention and Environmental Control, Bethesda, Maryland, Milk Protein Changes at Elevated Temperature (to be known as Bureau of Disease Prevention and Environmental Control Project No. 1264-H - Ext. #8 - Department of Dairy Technology).
Gross Value - \$23,192.00.

June 12, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Hemodynamic Studies (to be known as National Institutes of Health Project No. 1409-G - Sup. #1 - Department of Physiology).
Gross Value - \$2,313.00.
- a9. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as National Institutes of Health Project No. 1451-G - Ext. #7 - Department of Pharmacology).
Gross Value - \$25,654.00.
- a10. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anticancer Substances from Plants (to be known as National Institutes of Health Project No. 1967-D - Ext. #4 - College of Pharmacy).
Gross Value - \$34,156.00.
- a11. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Acid Hydrolases in Brain and Pathological States (to be known as National Institutes of Health Project No. 2069-D - Ext. #4 - Department of Medicine).
Gross Value - \$27,192.00.
- a12. National Science Foundation, Washington, D. C., Computer and Information Science Research Center (to be known as National Science Foundation Project No. 2218 - Amend. #2 - Department of Computer and Information Science).
Gross Value - \$365,700.00.
- a13. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as National Institutes of Health Project No. 2308-B - Sup. #1 - Department of Physiology).
Gross Value - \$1,216.00.
- a14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, 4N77 Nitrogen Heterocycles (to be known as National Institutes of Health Project No. 2393-B - Ext. #2 - Department of Chemistry).
Gross Value - \$22,486.00.

June 12, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a15. National Science Foundation, Washington, D. C., Geochronology of the Transantarctic Mountains (to be known as National Science Foundation Project No. 2411 - Sup. #1 - Institute of Polar Studies). Gross Value - \$15,500.00.
- a16. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Center for Health Services Research Development, Arlington, Virginia, Self-Medication and Community Health (to be known as National Center for Health Services Research Development Project No. 2448-B - Ext. #2 - College of Pharmacy). Gross Value - \$20,398.00.
- a17. National Science Foundation, Washington, D. C., Boron Heterocycles and Derivatives (to be known as National Science Foundation Project No. 2497 - Sup. #1 - Department of Chemistry). Gross Value - \$32,000.00.
- a18. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Interactions of Adrenergic Blockers (to be known as National Institutes of Health Project No. 2523-A - Sup. #1 - College of Pharmacy). Gross Value - \$300.00.
- a19. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Taxonomic Study of Cariogenic Bacteria (to be known as National Institutes of Health Project No. 2625-A - Ext. #1 - College of Dentistry). Gross Value - \$26,317.00.
- a20. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Pulmonary Physiology in Infection with Mycoplasmas (to be known as National Institutes of Health Project No. 2664-A - Ext. #1 - Department of Medical Microbiology). Gross Value - \$26,684.00.
- a21. U. S. Office of Education, Washington, D. C., Response Class in Learning and Memory (to be known as U. S. Office of Education Project No. 2804 - New - Department of Psychology). Gross Value - \$18,044.00.

June 12, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a22. National Science Foundation, Washington, D. C., Stagnant Glacier Features, Burroughs Glacier, Alaska (to be known as National Science Foundation Project No. 2809 - New - Institute of Polar Studies).
Gross Value - \$23,700.00.
- a23. National Aeronautics and Space Administration, Washington, D. C., Investigation Into Some of the Problems of Lunar Orbiter Photography System (to be known as National Aeronautics and Space Administration Project No. 2810 - New - Department of Geodetic Science).
Gross Value - \$29,152.00.
- a24. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer (to be known as National Institutes of Health Project No. 2811 - New - Department of Chemistry).
Gross Value - \$19,005.00.
- a25. National Science Foundation, Washington, D. C., Economic Growth in a Multi-Regional Setting (to be known as National Science Foundation Project No. 2812 - New - Department of Geography).
Gross Value - \$44,900.00.
- a26. National Science Foundation, Washington, D. C., Liquid He^3 - He^4 Mixtures at Low Temperatures (to be known as National Science Foundation Project No. 2813 - New - Department of Physics).
Gross Value - \$82,900.00.
- a27. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Neuropharmacology of Pituitary ACTH Regulation (to be known as National Institutes of Health Project No. 2814 - New - Department of Pharmacology).
Gross Value - \$17,148.00.
- a28. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Neurological Diseases and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover (to be known as National Institutes of Health Project No. 2815 - New - Department of Physiological Chemistry).
Gross Value - \$24,846.00.

June 12, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- a29. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institutes of Neurological Diseases and Stroke, Bethesda, Maryland, Autonomic Receptors in Isolated Iris Muscles (to be known as National Institutes of Health Project No. 2817 - New - College of Pharmacy). Gross Value - \$15,410.00.

TOTAL - Government Research Grants - Federal \$1,021,246.00

4. Industrial and Other Research Grants

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Check No. C612118 - Department of Surgery). Gross Value - \$658.40.
- a2. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Modern Language Association of America Project No. 2338-B - Sponsor Letter Dated April 15, 1969 - Department of English). Gross Value \$6,000.00.
- a3. American Heart Association, Inc., New York, New York, Integrated Study of the Coronary System in Intact Dogs (to be known as American Heart Association, Inc., Project No. 2422-B - Ext. #2 - Department of Physiology). Gross Value - \$12,485.00.
- a4. American Heart Association, Inc., New York, New York, Action of Antimycin A on Heart Respiratory Function (to be known as American Heart Association, Inc., Project No. 2650-A - Ext. #1 - Department of Physiological Chemistry). Gross Value - \$13,200.00.
- a5. United Health Foundation, Inc., New York, New York, Effects of Freeze Storage Upon Skin and Renal Tissue (to be known as United Health Foundation, Inc., Project No. 2807 - New - Department of Surgery). Gross Value - \$10,151.00.
- a6. New York Cancer Research Institute, Inc., New York, New York, Host Response in Wilms' Tumor (to be known as New York Cancer Research Institute, Inc., Project No. 2816 - New - Department of Pediatrics). Gross Value - \$15,000.00.

TOTAL - Industrial and Other Research Grants \$51,494.40

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

The foregoing forty-nine contracts and grants for research in cooperation with Government, Industry and Other represent a gross income of \$1,580,044.00.

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from April 17, 1969 through May 20, 1969, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Industrial Research Contracts

SC 81	OCD Architects and Engineers Professional Development Courses, Fall and Winter 1969-70, National Society of Professional Engineers, Washington, D. C. Gross Value - \$4,875.00.
EES 288X Ext. #3	A Study of V-Belts, Dayco Corporation, Springfield, Missouri. Gross Value - \$7,584.00.
EES 310X Ext. #2	Weldability of Timken High Strength Steels, Timken Roller Bearing Company, Canton, Ohio. Gross Value - \$2,400.00.

The foregoing three contracts for research in the Engineering Experiment Station represent a gross income of \$14,859.00.

C. Agreements Between the Division of Special Education -
Ohio Department of Education and The Ohio State University

Vice President Corbally recommended that the agreements between The Ohio State University and the Division of Special Education - Ohio Department of Education, be approved for the fiscal year 1969-70, to provide the services of two members of the faculty of the College of Education, on a part-time basis, for classroom and in-service training for teacher education in the area of Child Study Services.

June 12, 1969 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

C. Agreements Between the Division of Special Education -
Ohio Department of Education and The Ohio State University (continued)

It was recommended further that the Secretary of the Board of Trustees be authorized to sign the agreements on behalf of the University.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above recommendations were approved by unanimous roll call vote.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since May 8, 1969, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$609,098.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for Educational Opportunity Grants, for the period July 1, 1969 through June 30, 1970. (Transaction No. 04084499)
2. \$455,982.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the College Work-Study Program, for the period July 1, 1969 through December 31, 1969. (Transaction/Award No. 05198461)
3. \$164,056.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Allied Health Professions Educational Improvement Program - Basic Improvement Grant," under the direction of the School of Allied Medical Professions, for the period April 15, 1969 through April 14, 1970. (Grant No. AHI-69-606)
4. \$149,288.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Development of Performance Goals for a New Office and Business Education Learnings System," under the direction of the Center for Vocational and Technical Education. This project extends through December 31, 1969. (Grant No. OEG-0-8-080414-3733)
5. \$100,073.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Otolaryngology and Audiology - Training Grant," under the direction of the Department of Otolaryngology, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 NB05397-07)

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

6. \$72,963.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Biomedical Sciences Support Grant," under the direction of the Office of Research, for the period June 1, 1969 through May 31, 1970. (Grant No. 5 S05 FR07074-04)
7. \$71,078.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology - Training Grant," under the direction of the Department of Psychology, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 MH05061-23)
8. \$69,933.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "A Continuation of the Center for Research and Leadership Development in Vocational and Technical Education," under the direction of the Center for Vocational and Technical Education, for the period November 1, 1968 through June 30, 1969. (Grant No. OEG-3-7-000158-2037)
9. \$66,571.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Parasitology and Medical Entomology - Training Grant," under the direction of the College of Biological Sciences - Entomology, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 AI00216-09)
10. \$66,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Auxiliary Utilization Training," under the direction of the College of Dentistry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T02 DH 05044-08)
11. \$59,830.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Advanced Preparation for Trainers of Prospective French Teachers," under the direction of the College of Education. This project extends through September 30, 1969. (Grant No. OEG-0-9-450633-2225)
12. \$58,893.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Cardiology - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T12 HE05786-03)
13. \$48,614.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Ophthalmology - Training Grant," under the direction of the Department of Ophthalmology, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 NB05461-05)

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

14. \$47,511.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Grant in Endocrinology," under the direction of the Department of Obstetrics and Gynecology, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 AM05403-07)
15. \$44,447.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training - Medical," under the direction of the Department of Surgery, for the period July 1, 1969 through June 30, 1970. (Grant No. 2 T12 CA08110-04)
16. \$42,924.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Cardiovascular Physiology," under the direction of the Department of Physiology, for the period July 1, 1969 through June 30, 1970. (Grant No. 1 T01 HE05843-01A1)
17. \$41,983.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Social Work - Training Grant," under the direction of the School of Social Work, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 MH06530-13)
18. \$36,404.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Experimental Psychology - Training Grant," under the direction of the Department of Psychology, for the period July 1, 1969 through June 30, 1970. (Grant No. 2 T01 MH08526-06)
19. \$34,813.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Child Psychiatry - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 MH11296-02)
20. \$23,605.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Taxonomic Study of Cariogenic Bacteria," for a Development Award - Research Career Program under the direction of the College of Dentistry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 K03 DE34363-03)
21. \$23,184.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Special Purpose Training Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1969 through June 30, 1970. (Grant No. SP-22A-69)

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

22. \$21,877.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Electropharmacological Control of Cardiac Function," for a Development Award - Research Career Program, "under the direction of the Department of Pharmacology, for the period July 1, 1969 through June 30, 1970. (Grant No. 2 K03 HE11929-06)
23. \$21,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Evaluation Training Institute," under the direction of the College of Education, for the period May 6, 1969 through August 31, 1969. (Grant No. OEG-0-9-454849-4077-725)
24. \$17,014.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology Field Training," under the direction of the Department of Psychiatry, for the period July 1, 1969 through June 30, 1970. (Grant No. 5 T01 MH10778-03)
25. \$14,784.00 granted by State Library Board, Columbus, Ohio, to the University to act as coordinating agency in the formation of the Art Research Libraries of Ohio, for the period May 15, 1969 through May 15, 1970.

TOTAL - Administered Through the Office of Business and Finance -
\$2,361,925.00

B. Received Through The Ohio State University Development Fund

1. \$22,018.70 from the Estate of Mary W. Pomerene, Coshocton, Ohio, for the Mary W. and Frank E. Pomerene Memorial Fund in the College of Medicine.
2. \$20,750.00 from Ross Laboratories, Columbus, Ohio--\$11,400.00 for the Ross Laboratories Graduate Research Fund and \$9,350.00 for the Ross Laboratories Graduate Research Fund in Dairy Foods Microbiology.
3. \$20,000.00 from the Council on Industrial Relations for the Electrical Contracting Industry, Washington, D. C., for the Industrial Technology Scholarship Fund in the College of Engineering.
4. \$15,000.00 from the Estate of Harry E. Williams, Mech. Engr. '02, for the establishment of the Harry E. Williams Fund.

Harry E. Williams Fund

The Harry E. Williams Fund was established June 12, 1969, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Harry E. Williams, Mech. Engr. '02, formerly of Columbus, Ohio.

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

4. Harry E. Williams Fund (continued)

This bequest is to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used by the University upon the recommendation of The Ohio State University Development Fund Board of Directors.

5. \$11,867.53 from Charles W. Atkinson, New Cumberland, West Virginia, for the Samuel B. McCulloch Memorial Fund.
6. \$10,062.50 from G. D. Searle & Company, Chicago, Illinois, for the G. D. Searle & Company Research Fund in Medicine.
7. \$8,000.00 from The Procter & Gamble Company, Cincinnati, Ohio, for the Procter & Gamble Graduate Research Fund in the Department of Dairy Technology.
8. \$7,241.00 from the National Fund for Medical Education, New York, New York, for the National Fund for Medical Education in the College of Medicine.
9. \$6,000.00 from the Anderson Foundation, Maumee, Ohio, for the Anderson Foundation Research Fund in the College of Medicine.
10. \$6,000.00 from The National Cash Register Company, Dayton, Ohio, for Marketing Managers Computer Technology Research Fund in the College of Administrative Science - Marketing.
11. \$5,580.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
12. \$5,400.00 from the Kaiser Aluminum & Chemical Corporation, Newark, Ohio--\$4,400.00 for the Kaiser Aluminum & Chemical Corporation Fellowship and Scholarship Fund in the Department of Mechanical Engineering and \$1,000.00 for the Kaiser Aluminum & Chemical Corporation Scholarship Fund in the Department of Metallurgical Engineering.
13. \$3,500.00 from The Babcock & Wilcox Company, New York, New York, to be used within the areas of engineering and technical education in the College of Engineering.
14. \$3,104.65 from Dr. Samuel A. Marable for the General Surgery Fund in the College of Medicine.

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

15. \$3,000.00 from the Alcoa Foundation for the Alcoa Foundation Scholarship Fund.
16. \$3,000.00 from the American Cyanamid Company, Wayne, New Jersey, for the American Cyanamid Faculty Fund for Chemical Engineering.
17. \$2,750.00 from The Link Foundation for the Link Foundation Fund for the Department of Aviation.
18. \$2,500.00 from the Ohio Medical Indemnity, Inc., Columbus, Ohio, for the Ohio Medical Indemnity, Inc., Fund in the College of Medicine.
19. \$2,168.84 from Antique Show Receipts (In the name of Jay L. Failer)-- \$1,500.00 for the Men's Glee Club Fund and \$668.84 for the Presidents Club Special Fund.
20. \$2,000.00 from Arthur Andersen & Company, Chicago, Illinois, for the Arthur Andersen & Company Student Aid Fund in the College of Administrative Science - Accounting.
21. \$2,000.00 from Robert F. Taylor for the Center for Tomorrow Fund.
22. \$1,408.64 from Dr. Edwin Sharp Burdell, Maitland, Florida, for the establishment of the Edwin Sharp Burdell Memorial Fund.

Edwin Sharp Burdell Memorial Fund

The Edwin Sharp Burdell Memorial Fund was established June 12, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dr. Edwin Sharp Burdell, M.A. '29, Ph.D. '34, LL.D. Hon. '54, Maitland, Florida.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to encourage and recognize outstanding scholarship in the graduating classes in the School of Social Work, through a cash prize or through the purchase of a book or other items that would provide appropriate recognition.

Should the need for these awards cease to exist or so diminish as to provide unused income, or should the School of Social Work cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for education in the field of social work.

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

23. \$1,000.00 from Dr. Rudolph Edse for the Presidents Club Special Fund.
24. \$1,000.00 from Garwick & Sons, Inc., (In the name of J. Parker Garwick), for the J. Parker Garwick Fund.
25. \$1,000.00 from the United Engineering Trustees, Inc., New York, New York, for the Warping/Torsion Research Fund in the Department of Civil Engineering.

TOTAL - Received Through The Ohio State University Development Fund -
\$166,351.86

C. Gifts-in-Kind

1. A music collection from the American Broadcasting Company for the School of Music Library.
2. Four antique Japanese ivory sculptures from Mr. and Mrs. Christian E. Burckel, Bronxville, New York, for the Division of East Asian Languages and Literatures.

D. Establishment of New Fund from Previously Reported Gift

Dorothy H. and David J. Rosenstiel Memorial Fund

The Dorothy H. and David J. Rosenstiel Memorial Fund was established June 12, 1969, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Dorothy H. and Lewis Rosenstiel Foundation, New York, New York.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income and/or principal is to be used for support of research in the College of Medicine, under the direction of the Dean of the College.

Should the College of Medicine cease to exist through any reorganization of the University, then the income and/or principal is to be used by the Board of Trustees for medical research, upon the recommendation of the appropriate administrative official of the University who is then directly responsible for medical education.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

June 12, 1969 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

E. Report from The Ohio State University Development Fund

In April, 1969, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1, 876	\$ 60, 337. 23
Individuals other than alumni	156	34, 425. 24
Nonprofit organizations	32	66, 146. 52
Business concerns	31	94, 905. 46
	<u>2, 095</u>	<u>\$255, 814. 45</u>

Of these gifts, 1, 347 totaling \$12, 840. 00 were undesignated and 748 totaling \$242, 974. 45 were designated.

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V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Lima Campus - Phase II

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$845, 854. 00	\$844, 406. 24	(\$1, 447. 76)

B. Laundry, Phase II

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$536, 340. 00	\$533, 186. 76	(\$3, 153. 24)

C. Van de Graaff Laboratory Addition

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 94, 341. 00	\$ 96, 442. 00	\$2, 101. 00

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance was approved by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, Vice President Corbally recommended that the plans and specifications, bills of materials and estimates of cost for the following projects be approved by the Board of Trustees:

A. Computer Facility Expansion, College of Medicine

This project will be located in the area between the southeast and southwest wings of Starling-Loving Hall and will provide an expanded area into which the computer facility can be relocated from the present location in University Hospital.

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801196 (Starling-Loving Computer Facility).

B. Laboratory Animal Facility, Off-Site Utilities

This project will provide sanitary sewer and domestic water services to the Laboratory Animal Facility.

Funds for this project have been provided from Budget Account 179997 (University Treasurer Research), Budget Account 179999 (University Treasurer General Fund), Budget Account 226396 (Mershon Unrestricted), Budget Account 809998 (Hospital), Budget Account 149993 (Plant Funds Reserve) and a Public Health Service Grant.

C. Research Center - Alterations to Area 200

This project provides for the conversion of space to house the Program Development Assistance Division and the Administrative Service Division of the Research Foundation.

Funds for this project have been provided from Research Project No. 920 (Special Reserve Facilities Account - Research Foundation).

D. Newark Campus - Parking Lot Surfacing

This project provides for a high level pavement adequate for a heavy concentration of traffic and traffic control curbs and lines.

Funds for this project have been provided by a transfer from Budget Account 149994 (Branch Campuses Reserve) to Budget Account 801204 (Newark Parking Lot Repair).

Upon motion of Mr. Safford, seconded by Mr. Eckley, the above recommendation was approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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June 12, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Lighting Improvements - 12th and 19th Avenues

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 5-16-69)		
Jess Howard Electric Co. (Columbus)	\$ 34,991.00	\$ 40,000.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

B. Garage and Laundry Building, Alteration of South Portion

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(11 bids received 5-15-69)		
Henry A. Justus (Columbus)		
Base Bid	\$ 77,933.00	\$ 83,000.00
Alt. G-3 Exterior Painting	850.00	1,500.00
Alt. G-4 Install Ballet Barres and Brackets	1,250.00	750.00
Total Contract	<u>\$ 80,033.00</u>	<u>\$ 85,250.00</u>

<u>Plumbing Contract</u>		
(8 bids received 5-15-69)		
Clar-Mar Corporation (Columbus)		
Base Bid	<u>\$ 11,518.00</u>	<u>\$ 14,000.00</u>

<u>Heating, Ventilating and Air Conditioning Contract</u>		
(3 bids received 5-23-69)		
Clar-Mar Corporation (Columbus)		
Base Bid	<u>\$ 53,543.00</u>	<u>\$ 57,000.00</u>

<u>Electrical Contract</u>		
(3 bids received 5-23-69)		
Armstrong Electric Co. (Columbus)		
Base Bid	<u>\$ 28,583.00</u>	<u>\$ 31,000.00</u>
<u>Total All Contracts</u>	<u>\$ 173,677.00</u>	<u>\$ 187,250.00</u>

Funds for this project have been provided by a transfer from Budget Account 149999 (General Reserve) to Budget Account 801163 (Garage and Laundry Remodeling).

June 12, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. School of Allied Medical Professions

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 5-20-69)		
Knowlton Construction Co. (Columbus)		
Base Bid	\$1,816,000.00	\$1,993,000.00
Alt. G-2 Prefinished Doors -		
Permaguard	4,400.00	1,420.00
Alt. G-3 Sterilizers & Equipment	16,500.00	20,500.00
Alt. G-4 Perimeter Tracks-Studios	3,200.00	3,390.00
Alt. G-5 Furniture Wall Supports on		
Masonry and Concrete Walls	1,800.00	1,525.00
Alt. G-6 Suspended Pipe Supports for		
TV Lights Room 136	500.00	500.00
Total Contract	<u>\$1,842,400.00</u>	<u>\$2,020,335.00</u>
<u>Plumbing Contract</u>		
(8 bids received 5-20-69)		
Limbach Company (Columbus)		
Base Bid	<u>\$ 281,700.00</u>	<u>\$ 250,000.00</u>
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(4 bids received 5-20-69)		
Limbach Company (Columbus)		
Base Bid	\$ 658,600.00	\$ 655,000.00
Alt. H-3 Substitute Built-up		
Heating and A/C Unit	(8,000.00)	No change
Alt. H-4 Automatic Temperature		
Control Selection and Trans-		
mission System	37,000.00	30,000.00
Total Contract	<u>\$ 687,600.00</u>	<u>\$ 685,000.00</u>
<u>Electrical Contract</u>		
(3 bids received 5-20-69)		
States Electric (Columbus)		
Base Bid	\$ 435,300.00	\$ 402,000.00
Alt. E-5 Additional Outlets in		
Lecture Hall Room 136	930.00	1,500.00
Alt. E-6 Sound System Equipment		
in Lecture Hall Room 136	4,700.00	2,500.00
Total Contract	<u>\$ 440,930.00</u>	<u>\$ 406,000.00</u>
<u>Total All Contracts</u>	<u>\$3,252,630.00</u>	<u>\$3,361,335.00</u>

Funds for this project have been provided from Item 315-062, H. B. 886, a Public Health Service Grant and a Title I Grant (HEW).

June 12, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Telephone Exchange - Expansion of Service

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 5-23-69)		
The Fishel Company (Columbus)	\$ 78,100.00	\$ 85,000.00

Funds for this project have been provided by a transfer from Budget Account 124358 (Contract Repair) to Budget Account 801201 (South Dorms - Telephone Ducts).

E. Elevator Modernization

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 5-27-69)		
Waller & Lund, Inc. (Columbus)	\$ 79,960.00	\$ 95,000.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

F. Starling-Loving Hall, Renovation of 4th Floor "B" Wing

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received 5-27-69)		
Ed Ross Construction Co. (Westerville, Ohio)	\$ 17,312.00	\$ 18,500.00

Funds for this project have been provided by a transfer from Budget Account 960200 (Hospital Rotary) to Budget Account 801199 (Starling-Loving, 4th Floor).

G. McPherson Chemical Laboratory - Library Renovation

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 6-5-69)		
A. L. Meyer Construction Co. (Columbus)	\$ 12,800.00	\$ 14,500.00
<u>Electrical Contract</u>		
(3 bids received 5-28-69)		
CTH Electric Company (Columbus)	4,570.00	5,922.00

June 12, 1969 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

G. McPherson Chemical Laboratory - Library Renovation (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(4 bids received 5-28-69)		
Farber Corporation (Columbus)	\$ 25,969.00	\$ 29,671.00
<u>Total All Contracts</u>	<u>\$ 43,339.00</u>	<u>\$ 50,093.00</u>

Funds for this project have been provided by a transfer from Budget Account 149993 (Plant Funds Reserve) to Budget Account 801177 (McPherson Lab Remodeling).

Upon motion of Mr. Jones, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VIII. CONTROLLING BOARD APPROVAL

Each numbered request shown below accomplishes the following purpose:

No. 13 Approves the acquisition of the property commonly known as 2429 Wood Avenue.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Joint Use Agreement - Argyll Road - American Chemical Society

WHEREAS, The American Chemical Society has requested a joint use agreement with The Ohio State University for the use of Argyll Road to permit the construction of a divided four-lane highway for ingress and egress to the University's Center for Tomorrow and the American Chemical Society from the Olentangy River Road,

THEREFORE BE IT RESOLVED, that a joint use agreement be entered into between The Ohio State University and the American Chemical Society to provide ingress and egress by completing construction of a four-lane roadway on lands owned partly by The Ohio State University, the American Chemical Society, and a small portion being Argyll Road, a dedicated city street; and

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Joint Use Agreement - Argyll Road - American Chemical Society (continued)

BE IT FURTHER RESOLVED, that the President and/or Vice President for Business and Finance be authorized to sign on behalf of the University the joint use agreement to provide for the traffic flow and control to the Center for Tomorrow and the American Chemical Society.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above resolution was adopted by unanimous roll call vote.

B. Purchase of Buildings and Property, 852 West Lane Avenue

On the recommendation of the Finance and Investment Committee, the Vice President for Business and Finance has negotiated for the purchase of the following property from Lowell E. Ripley and Floa M. Ripley at a price of \$35,000.00:

Property known as 852 West Lane Avenue being Lots Nos. 3 and 4, Second Wood-Brown County Addition, Township of Clinton, County of Franklin, State of Ohio.

Funds are available in the Investment Portfolio for this purchase, and Vice President Corbally recommended that the action of the Vice President for Business and Finance be ratified and the purchase completed.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

C. Primary Electric Line Relocation - Employment of Engineers

Vice President Corbally recommended that the engineering firm of Drake & Ford be employed to provide professional engineering services for the preparation of contract drawings and specifications for the subject job. These specifications will cover the contract to provide raceways for two 13.2 KV power cables from the power company to supply to the central campus switchgear on the OSU campus. This work is necessary because of the Olentangy Freeway construction project.

The fee for this service is not to exceed \$4,000.00 and funds are available in Budget Account 921400 (Physical Plant Labor and Materials).

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

June 12, 1969 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Insurance Coverage - Student Insurance Program

In accordance with the Board action taken involving Student Health Insurance on September 3, 1957; April 11, 1958; and February 10, 1966, Vice President Corbally recommended that the student group insurance fees be revised as follows, effective Autumn Quarter, 1969:

	<u>Proposed Rate</u>	<u>Present Rate</u>
Student (full program)	\$12	\$ 8
Student and Spouse	22	22
Student, Spouse, Children	38	38

Upon motion of Mr. Safford, seconded by Mr. Eckley, the above recommendation was approved by unanimous roll call vote.

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X. RESOLUTIONS IN MEMORIAM

Vice President Corbally reported to the Board the deaths of Paul Bucher, Professor Emeritus in the Department of Mechanical Engineering; Wendell Allen Butcher, Clinical Assistant Professor in the Department of Psychiatry; Emerson Edward Kimberly, Professor Emeritus in the Department of Electrical Engineering; N. Gilbert Riddle, Associate Professor Emeritus in the College of Administrative Science - Finance; Herschel W. Nisonger, Professor Emeritus in the College of Education; and John Sanford Richardson, Professor in the College of Education. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Paul Bucher

The Board of Trustees of The Ohio State University expresses its sorrow at the death May 6, 1969, of Paul Bucher, Professor Emeritus in the Department of Mechanical Engineering.

Professor Bucher was born in East Liverpool, Ohio, on August 30, 1891. He was graduated from East Liverpool High School in 1909 and was an operating engineer for the Railway Traction and Light Company there for five years before entering The Ohio State University. He was graduated from the University in 1918 with the degree, Bachelor of Mechanical Engineering. He also received the Degree of Mechanical Engineer from the University in 1932. He became an instructor in Mechanical Engineering in 1918 and continued his teaching for forty-two years, retiring in 1960 with the rank of Professor which he received in 1934. During this time he also spent most of his summers working in industry to maintain his perspective so that his teaching would be up to date. After retirement he was employed as engineering consultant to the Ohio Board of Building Standards, specializing in boilers, unfired pressure vessels and pressure piping, which

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Paul Bucher (continued)

position he held until his death. In the early years of his teaching career he carried out considerable research in flow measurement but in the early 1930's he became interested in the safety of boilers and pressure vessels and spent much time on research on safety valves and other safety devices for industry.

Professor Bucher's work before entering the University created an interest in power generation which continued for the rest of his life. He was a dedicated teacher, willing to spend many hours in explaining the theory and practice of power plant engineering to his students so that many of them report that this interest greatly influenced their careers. He was unsparing of himself if he thought he could help any student and will be remembered by many for his unselfishness. He was responsible for the supervision of the Mechanical Engineering Laboratory at the University for more than twenty years and did much to develop it as one of the outstanding laboratories in the United States at the time of his retirement.

Professor Bucher had spent the early years of his teaching career conducting research on flow measurement, being for a short time a member of the American Society of Mechanical Engineers Research Committee on Fluid Meters. His interest in power plants soon lead to a special study of their safety problems and he worked for many years in the field of safety valve testing and design, becoming the outstanding authority in this field in the United States. He was a member of the ASME Boiler Code Committee on Safety Valves and wrote most of the rules concerning them which are now law in practically all of the United States and Canada. He continued this interest after retirement. His position with the Ohio Board of Building Standards required accepting responsibility for the safety of all pressure vessels and piping in the State. The rules which he wrote and which became a part of State rules will be followed for many years. He became interested in the problems of air pollution when it became apparent that this was a problem of the health of the people and as a member of the City of Columbus Smoke Commission helped write the ordinance for smoke abatement in Columbus and was a member of the appeals board of this commission for almost twenty years.

Professor Bucher was a Fellow of the American Society of Mechanical Engineers, an honorary member of the National Association of Power Engineers and a member of the American Society for Engineering Education.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Bucher its deep sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Wendell Allen Butcher

The Board of Trustees expresses its sorrow at the death on April 26, 1969, of Wendell Allen Butcher, M.D., Clinical Assistant Professor in the Department of Psychiatry.

Dr. Butcher was born in Murray City, Ohio, graduated from Ohio Wesleyan University and received his Doctor of Medicine degree in 1939 from The Ohio State University. He interned at Grant Hospital in Columbus, Ohio, 1939-1940, and served a residency in psychiatry at the Naval Hospital in Bethesda, Maryland. He was later stationed at the Naval Hospital in Oak Knoll, California, until 1952 when he became Chief of the Psychiatric and Neurologic Unit at the U. S. Marine Corps Depot in Paris Island, South Carolina. He left there to become the Superintendent of the Columbus State School in 1954, serving in that responsible position until 1958. He was an Assistant Commissioner of Mental Hygiene in the State of Ohio from 1958 to 1959. He first began teaching medical students and residents in the Department of Psychiatry at The Ohio State University in 1956. He conducted an active private practice and was active in medical affairs, serving as Chairman of the Committee on Mental Health of the Ohio State Medical Association. He was also a committee member of the American Medical Association Disaster Committee.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the College of Medicine and the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Emerson Edward Kimberly

The Board of Trustees expresses its sorrow at the death on May 6, 1969, of Emerson Edward Kimberly, Professor Emeritus in the Department of Electrical Engineering.

Professor Kimberly was born in Circleville, Ohio, on October 17, 1895. He received his B.E.E. degree in 1921 and his M.Sc. degree in 1929, both from The Ohio State University. After receiving his bachelor's degree he was employed as a designer for one year by the General Electric Company and for two years by the Westinghouse Electric and Manufacturing Company as a sales engineer. He then returned to the University as an Instructor and was an active teacher until his retirement in 1960 as a Professor.

During his years on the faculty, he specialized in the teaching of electrical power courses and the electrical engineering courses for students in other engineering departments. For these latter courses, he wrote a textbook published by the International Textbook Company. Just as he was meticulous in his own work, he expected careful work from his students. Many alumni, who as students considered him a harsh taskmaster, have later thanked him for the habits of accuracy he developed in them. For almost thirty years, he was the department representative for engineering employment placement.

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Emerson Edward Kimberly (continued)

Another aspect of his professional career was his long and successful consulting practice. A few examples will illustrate the breadth of his work. He redesigned the electrical distribution system of the City of Westerville in 1925 and again in 1950. He designed and supervised the installation of the electric distribution system for Don Scott Airport in 1948 and was responsible for the redesign and layout of a pumping station for the City of Columbus, Division of Water, in 1951. He was also a prolific inventor. His contributions include machinery for the manufacture of steel wool products, the electric controls for the first operable pinsetter for bowling alleys, controls for oil well drilling bits and systems for standardizing the density of granular detergents. He also developed a strong interest in engineering aspects of law and participated in many cases as an expert witness.

Following his retirement from teaching, he demonstrated his versatility by working for several years for the Space Technology Laboratories in Los Angeles in development work on the Titan and Minuteman programs. At the same time, he participated in career guidance for high school students in Los Angeles County.

His skills and interests were by no means limited to engineering. He was also a capable writer. In addition to his text, he wrote a novel of life in southern Ohio, served as a technical editor for a company and just before his death completed a history of the Electrical Engineering Department.

Professor Kimberly was a Fellow of the IEEE, a member of the National Society of Professional Engineers, ASEE and Sigma Xi.

On behalf of the University at large, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. N. Gilbert Riddle

The Board of Trustees expresses its sorrow at the death on May 8, 1969, of Dr. N. Gilbert Riddle, Associate Professor Em in the College of Administrative Science - Finance.

Dr. Riddle was born in Nottoway County, Virginia, on March 20, 1897. He received his Bachelor's degree from West Virginia University in 1922. He earned his Master's degree from Columbia University in 1926 and his Doctoral degree there in 1934.

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. N. Gilbert Riddle (continued)

Professor Riddle served as Bursar and Assistant Professor of Business at Birmingham Southern College and as Instructor in Economics and Business at West Virginia University. He came to The Ohio State University in 1929 as Instructor in Business Organization, was promoted to the rank of Assistant Professor of Business Organization in 1932 and to Associate Professor of Business Organization in 1947. He retired in 1967 after 38 years with The Ohio State University.

Dr. Riddle held memberships in the American Economics Association, the American Finance Association and the Columbus Society of Financial Analysts; the Faculty Club; Phi Alpha Kappa and Beta Gamma Sigma, honorary fraternities; and Phi Delta Theta, social fraternity. He was an active member of First Community Church. During World War I, Dr. Riddle served two years in the United States Army and during World War II he worked in Washington, D. C. He had been Statistical Assistant to the Federal Reserve Bank of New York; Investment Advisor for the Central Hanover Bank; and Financial Consultant with the United States Government National Economic Committee, Investment Banking Division.

Professor Riddle was an able teacher who enjoyed his students. He was the author of the text, The Investment Policy of Trust Institutions, and collaborated with H. Parker Willis to write The Banking Situation. He was selected for Who's Who in the Midwest and was included in the Directory of American Scholars.

On behalf of the University at large, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

E. Herschel W. Nisonger

The Board of Trustees expresses its sorrow at the death on May 19, 1969, of Herschel W. Nisonger, Professor Emeritus in the College of Education.

Professor Nisonger was born in Ithaca, Ohio, March 18, 1890. He received his B.S. degree from The Ohio State University in 1914 and his M.A. degree from Columbia University in 1926. He served as Principal and Teacher of Science or Vocational Agriculture in several high schools for five years after graduating from this University. In 1919, he returned to The Ohio State University as an Instructor in Agricultural Education and remained on the faculty in administrative and teaching roles until his retirement in 1960. These roles included Professor of Agricultural Education; Junior Dean, College of Agriculture; Assistant Director and Director, Bureau of Special and Adult Education; and Director, Bureau of Educational Research and Service.

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

E. Herschel W. Nisonger (continued)

It will be observed that Professor Nisonger's interests actually covered three careers: agricultural education; community organization and adult education; and special education. However, after his retirement this vigorous, purposeful and determined man entered upon a fourth and final career extending over a ten-year period. In this he became Director of Special Studies and Technical Planning of the American Association on Mental Deficiency in which capacity he coordinated numerous research projects of a national and international nature. He was actively engaged in this work at the time of his death.

Many honors came to him. Perhaps the most appreciated was the Distinguished Service Award of The Ohio State University presented in 1961 for unusual and distinctive service rendered the University. He served as President of the American Hearing Society for two terms and President of the American Association on Mental Deficiency. Perhaps a statement of tribute as he assumed this office was most fitting: "He is a pioneer; a social innovator; a kindly, wise and patient man; a catalyst."

Other honors indicate the wide range of his leadership functions in Ohio. Some are: Plaque for outstanding leadership from the Ohio Citizens Council for Health and Welfare, 1950; Citation of Recognition from the Ohio Rehabilitation Association; Certificate of Honor from the Ohio Federation of the International Council for Exceptional Children, 1957; Distinguished Service Award from the Ohio Association for Adult Education, 1958; Certificate of Merit to its Honorary Chairman by the Ohio Association for Retarded Children, 1960.

On behalf of the University at large, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

F. John Sanford Richardson

The Board of Trustees expresses its sorrow at the death on May 22, 1969, of John Sanford Richardson, Professor in the College of Education.

John Richardson was born in New Weston, Ohio, on December 14, 1908. He received his B.S. and M.A. degrees from Miami University in Oxford, Ohio, in 1933 and 1936 respectively, and the Ph.D. degree in science education from The Ohio State University in 1942. His public school teaching experience included assignments at the elementary school, junior high school and high school levels. He went to Miami University in 1936 as an Instructor in science and science education. He was promoted to Assistant Professor in 1939 and to Associate Professor in 1942. From 1942 to 1947, he was responsible for various courses in education and also served as the principal of the McGuffey School at Miami University. He joined the faculty

June 12, 1969 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

F. John Sanford Richardson (continued)

of The Ohio State University in 1948 as an Associate Professor in the College of Education. He was promoted to Professor in 1953. During his tenure at The Ohio State University, he served as Coordinator of the Area of Science Education; Director of several National Science Foundation Academic Year Institutes and Summer Institutes; and Director of the ERIC Information Analysis Center for Science Education from 1965 through 1968.

Professor Richardson was active in many professional associations related to science and science education. He was a member and Past-President and Past-Treasurer of the National Science Teachers Association. He was a member of the National Association for the Advancement of Science, National Education Association, National Association for Research in Science Teaching, National Society for the Study of Education, U. S. National Commission for UNESCO, Phi Beta Kappa and Phi Delta Kappa. He also served as a consultant to many universities, secondary schools and state and national committees.

Professor Richardson was the author of numerous articles, research reports and books related to science and the teaching of science. His books concerning methods for teaching science and materials for teaching science are used on an international basis. Through his teaching and publications, John Richardson established a reputation as a master teacher of science and science education, and a thoughtful scholar. In recognition of his many contributions to the field of science education, he was honored by The National Science Teachers Association in March, 1969, as a Distinguished Science Educator, the highest award the Association can bestow.

On behalf of the University at large, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the Board of Trustees by unanimous vote approved the inclusion of the foregoing Resolutions in Memoriam in the minutes of this meeting.

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XI. REPORTS

A. Report on Action Taken by the Ohio Board of Regents
at its Meeting Held May 16, 1969

Vice President Corbally reported for information and the record that the Ohio Board of Regents at its regular meeting on May 16, 1969, approved the following new degree programs for The Ohio State University:

- (1) Master of Arts in Public Administration
- (2) Master of Public Administration
- (3) Doctor of Philosophy in Public Administration

June 12, 1969 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee

1. Resolution Providing for the Issuance of Not Exceeding \$1,700,000 Parking System Revenue Notes, Series 1969

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Frederick Jones, presented the following resolution:

RESOLUTION PROVIDING FOR THE ISSUANCE OF NOT EXCEEDING \$1,700,000 PARKING SYSTEM REVENUE NOTES, SERIES 1969, FOR THE PURPOSE OF REFUNDING \$1,700,000 PRINCIPAL AMOUNT OF PARKING SYSTEM REVENUE NOTES HERETOFORE ISSUED TO PAY PART OF THE COSTS OF CONSTRUCTING AND EQUIPPING CERTAIN BUILDINGS, STRUCTURES AND FACILITIES TO BE USED FOR OR IN CONNECTION WITH THE PARKING OF MOTOR VEHICLES AND PROVIDING FOR OTHER MATTERS INCIDENTAL THERETO.

WHEREAS, the Board of Trustees of The Ohio State University (herein called the "Board") is vested with the government of The Ohio State University (herein called the "University" and, when the context admits, collectively with the Board called the "University") under and by virtue of Section 3335.02 of the Revised Code of Ohio, with the right, under Section 3335.03 of said Revised Code, and as such Board, of suing and being sued, contracting and being contracted with, and of making and using a common seal and, under Section 3335.10 of said Revised Code, has general supervision of all lands, buildings, and other property of the University and control of all expenses thereof; and by Chapter 3335 of the Revised Code of Ohio; and

WHEREAS, by authority of Section 3345.11 of the Revised Code of Ohio, the Board is authorized to acquire by purchase, lease, or otherwise, and to construct, equip, maintain, renovate, repair, improve or remodel and operate, and to lease to or from others, buildings, structures, or facilities and sites therefor and related equipment within or in close proximity to the campus of the University to be used for or in connection with athletic purposes, student activity centers, faculty centers, dining halls, bookstores, auditoriums, parking of motor vehicles and contract research facilities; and, for the purpose of paying the costs thereof, or any part thereof, or the repayment of any loans obtained for such purposes, to use any funds in its possession not otherwise obligated, revenues derived from athletic events, and from the operation or leasing of such activity centers, faculty centers, dining halls, bookstores, auditoriums, parking facilities and contract research facilities including but not limited to such portions of student activity fees charged and paid for such purposes, any other revenues or receipts derived or to be derived from the operation or leasing of such structures, buildings, facilities and equipment; and for the purpose of paying all or part of such costs the Board is further authorized thereby to issue and sell bonds, notes

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding
\$1, 700, 000 Parking System Revenue Notes, Series 1969 (continued)

or other written instruments evidencing such indebtedness, provided that such obligations shall not be a claim against or lien upon any property of the State of Ohio or any property of or under the control of said Board excepting such parts of the revenues or receipts derived from the operation or leasing of such structures, buildings, facilities, equipment or sites and any portion of the student fees assessed or to be assessed for the purposes of such acquisition, construction, equipment renovation, repair, improvement or remodeling or for the use of such structures, buildings, facilities, equipment or sites which the Board may pledge to secure the payment of such obligations; and by authority of said Section 3345. 11 the Board is also authorized to issue such bonds, notes or other obligations payable as aforesaid in order to retire or refund outstanding notes or other obligations matured or unmatured, to repay moneys previously borrowed or advanced under said section or to reimburse funds of the University for amounts used under said Section 3345. 11; and

WHEREAS, the Board has heretofore and does hereby determine and confirm that it is necessary to provide additional facilities for the parking of motor vehicles and, accordingly, hereby declares and determines that it is immediately necessary to construct and equip certain buildings, structures and facilities to be used for and in connection with the parking of motor vehicles, all within or in close proximity to its campus, including three multi-level parking structures for the parking of approximately 2, 250 motor vehicles (being herein called the "Project"), the cost of which is presently estimated to be \$4, 500, 000; and

WHEREAS, the University has determined to borrow the funds to pay part of the foregoing costs, and to issue its Parking System Revenue Bonds, Series A, in the principal amount of \$4, 500, 000 pursuant to Section 3345. 11 of the Revised Code of Ohio, and pursuant to resolution of the Board duly adopted September 8, 1966 authorizing said Bonds (which Resolution, as the same may hereafter be amended, supplemented or superseded, is herein called the "Bond Resolution"); and

WHEREAS, the University has heretofore by Resolution adopted June 13, 1968, provided for the issuance of \$1, 700, 000 Parking System Revenue Notes, Series 1968, of the University, and pursuant to said June 13, 1968 Resolution, there has been issued and delivered \$1, 700, 000 Parking System Revenue Notes, Series 1968, to refund outstanding interim financing and to provide additional interim construction financing to pay part of the cost of the Project which is presently under construction, which notes mature on June 27, 1969; and

June 12, 1969 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding
\$1, 700, 000 Parking System Revenue Notes, Series 1969 (continued)

WHEREAS, the University has and does hereby determine and confirm that it is necessary to issue notes to borrow funds for the repayment of the interim construction financing evidenced by said \$1, 700, 000 Parking System Revenue Notes, Series 1968, dated June 28, 1968, as authorized by said June 13, 1968 Resolution; and

WHEREAS, there has been submitted the following proposals for the purchase of said notes at 100% of par and at the designated interest rate:

<u>Original Purchaser</u> <u>(herein referred to as such)</u>	<u>Principal</u> <u>Amount</u>	<u>Interest</u> <u>Rate</u>
Huntington National Bank of Columbus	\$1, 000, 000	5. 0%
City National Bank & Trust Co.	500, 000	5. 5%
City National Bank & Trust Co.	200, 000	5. 625%
	<u>\$1, 700, 000</u>	

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University:

Section 1. It is hereby confirmed and declared that it is necessary to construct and equip the Project, and to issue, and that there shall be issued, notes in the aggregate principal sum of \$1, 700, 000 pursuant to Section 3345.11 of the Revised Code of Ohio, for the purpose of refunding the interim construction financing evidenced by the \$1, 700, 000 The Ohio State University Parking System Revenue Notes, Series 1968, dated June 28, 1968, and issued and delivered to pay part of the costs of the Project.

Section 2. The principal of and interest on such notes, and such additional notes as may be issued to pay part of the costs of the Project shall be payable solely from (a) the "Pledged Receipts" after provision for "Operating and Maintenance Expenses," if any, of the "Pledged Facilities," and all payments required to be made, from time to time from said "Pledged Receipts" into the "Special Funds" created under the Bond Resolution subject to the pledge thereof to the bonds authorized by the Bond Resolution upon the issuance of said Bonds; and (b) the proceeds of the sale of revenue bonds or notes of the University issued pursuant to Section 3345.11 of the Revised Code of Ohio, or other authorizing provisions of law to refund the Notes authorized hereby; provided that neither the State of Ohio nor the University, nor its Board of Trustees shall be obligated to pay the principal of or interest on such notes from any other funds or source, nor shall such notes be a claim upon or lien against any other property of the University or the State of Ohio, and

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding
\$1,700,000 Parking System Revenue Notes, Series 1969 (continued)

said notes are not general obligations of the State or University, and the full faith and credit there are not pledged thereto, and the note-holders shall have no right to have any taxes levied, collected or applied for or to the payment thereof.

In consideration of the loan evidenced by the notes authorized hereby, the University and its Board covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of such notes, of revenue bonds or notes for the refunding of the Notes, pursuant to Section 3345.11 of the Revised Code of Ohio or other authorizing provisions of law, in such principal amount as shall be necessary to pay the principal of and interest on such notes, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined by law upon the University and its officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

Section 3. Said notes shall be designated "Parking System Notes, Series 1969," shall be dated June 27, 1969, and shall mature June 26, 1970. Said notes shall bear interest at the rate of 5.0%, 5.5% and 5.625% per annum, payable semi-annually, or at maturity as requested by the Original Purchaser. Said notes shall be in denominations of \$5,000 or any multiple thereof, as bearer notes with or without coupons, or may be represented by a single note for the entire issue, as may be requested by the Original Purchaser, and shall be numbered as determined by the Vice President, Business and Finance, or the Assistant Treasurer. Said notes shall be payable at the office of the Original Purchaser, or at such other place as he may designate, and shall be signed by the President or the Vice President, Business and Finance, one of which may be a facsimile, attested by the Secretary of the Board, and the coupons, if any, pertaining thereto shall be signed by or bear the facsimile signature of said Vice President, Business and Finance, or the Assistant Treasurer, and the notes shall bear the seal of the University or facsimile thereof.

If agreeable to the Original Purchaser, prior to delivery of the definitive notes, said notes may be delivered as one or more temporary manuscript notes to be surrendered to the University at the principal office of the paying agent when the University shall notify the holder thereof that the definitive notes are available. The definitive notes shall be substantially in the form attached hereto as Supplement A (page 694), the terms and covenants of which are incorporated herein, with such modifications therein as may be appropriate for issuance of the notes herein or other

June 12, 1969 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding
\$1, 700, 000 Parking System Revenue Notes, Series 1969 (continued)

unregistered form, with or without coupons or to reflect the terms of the sale thereof consistent with this resolution and with such changes therein, not substantially adverse to the University, as the President or the Vice President, Business and Finance, may approve.

If the owner (in this paragraph called the "owner") of a note issued pursuant to this Resolution claims that such note has been lost, destroyed, or wrongfully taken, the Vice President, Business and Finance, or the Assistant Treasurer of the University are each authorized to cause to be executed and delivered a new note (in this paragraph called the "replacement note") of like tenor and date (specifying on its face, however, that it is issued in place of the original note) in place of the original note, in accordance with and subject to the provisions of Section 1308.35 of the Revised Code of Ohio and of this paragraph. The owner's notification and request pursuant to said Section 1308.35 shall be in writing, addressed to the Vice President, Business and Finance, or Assistant Treasurer of the University, and shall include evidence satisfactory to said Vice President or Assistant Treasurer of such loss, destruction, or wrongful taking and of his ownership. The Vice President, Business and Finance, or in his absence the Assistant Treasurer of the University, is authorized to approve, so long as satisfactory to such officer, the indemnity bond that the owner shall file with the University as a condition to the issuance of a replacement note, and is further authorized to impose other reasonable requirements, including a requirement that the owner pay the reasonable expenses and charges of the University in connection with the issuance, execution and delivery of such replacement note, as conditions to the delivery of a replacement note.

Section 4. Said notes are hereby awarded at par and under the terms aforesaid as follows in accordance with the aforesaid proposals to purchase said notes and this resolution:

<u>Original Purchaser</u>	<u>Principal Amount</u>	<u>Interest Rate</u>
Huntington National Bank of Columbus	\$1, 000, 000	5.0%
City National Bank & Trust Co.	500, 000	5.5%
City National Bank & Trust Co.	200, 000	5.625%
	<u>\$1, 700, 000</u>	

The President, the Vice President, Business and Finance, and the Assistant Treasurer are each hereby authorized and directed to do all things necessary for the delivery of said notes in accordance with said award and this resolution.

June 12, 1969 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding
\$1,700,000 Parking System Revenue Notes, Series 1969 (continued)

Section 5. The Vice President, Business and Finance, or the Assistant Treasurer of the University is hereby authorized and directed to apply the proceeds of the 1969 Notes promptly to the payment and discharge of the outstanding notes dated June 28, 1968 and to apply to the payment of interest on said outstanding note such amount from the Construction Fund for the Project or from other funds available therefor.

Section 6. Any reference herein or in Supplement A hereto to Section 3345.11 of the Revised Code of Ohio shall mean said section as it now exists and as it is from time to time amended, supplemented or affected by later legislation, and shall include any provision enacted in substitution therefor or as a supplement thereto.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

C. Report on the University's Investment Portfolio

The report dated June 11, 1969, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees

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*

UNITED STATES OF AMERICA
STATE OF OHIO
THE OHIO STATE UNIVERSITY
PARKING SYSTEM REVENUE NOTE, SERIES 1969

No. 2

\$100,000

KNOW ALL MEN BY THESE PRESENTS that THE OHIO STATE UNIVERSITY and its Board of Trustees (herein collectively called the University), for value received, hereby promise to pay, solely from the sources hereinafter set forth to The Huntington National Bank of Columbus, Columbus, Ohio, or order, the principal sum of

ONE HUNDRED THOUSAND DOLLARS

on the 26th day of June, 1970, provided that the University reserves the right to make prepayment of said principal sum at any time without penalty or premium, at par plus accrued interest to the date of prepayment, and to pay, solely from said sources, interest thereon from the date hereof at the rate of five per centum (5%) per annum, payable semi-annually on the 26th day of December and June hereafter. The principal sum and interest thereon are payable in lawful money of the United States at the principal office of The Huntington National Bank of Columbus, Columbus, Ohio without deduction for its services as the University's paying agent, upon presentation and surrender of this note. The interest on this note and the principal hereof are payable solely from (a) the "Pledged Receipts" after provision for "Operation and Maintenance Expenses", if any, of the "Pledged Facilities" and all payments required to be made, from time to time, from said "Pledged Receipts" into the "Special Funds" created by the Bond Resolution, identified below, as such terms are defined in the Bond Resolution subject to the pledge thereof to the bonds authorized by said Bond Resolution upon the issuance of said Bonds; and (b) the proceeds of the sale of revenue bonds or notes issued pursuant to Section 3345.11 of the Revised Code of Ohio or other authorizing provisions of law to refund this note; and neither the State of Ohio nor the University or its Board of Trustees is obligated to pay the same from any other funds or source, nor shall this note be a claim upon or lien against any other property of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment hereof. The aforesaid Bond Resolution is the Resolution adopted by the Board of Trustees September 8, 1966, authorizing the issuance of \$4,500,000 principal amount of parking system revenue bonds, as such Resolution may be amended, supplemented or superseded.

This note is one of a duly authorized series of notes of like tenor and effect, except as to rate of interest, numbered from 1 to 17, both inclusive, all of said notes being of the denomination of \$100,000 each, aggregating in amount \$1,700,000 and issued for the purpose of refunding \$1,700,000 principal amount of The Ohio State University Parking System Revenue Notes, Series 1968, dated June 28, 1968, issued and delivered to pay part of the cost of constructing and equipping certain buildings, structures and facilities to be used for or in connection with the parking of motor vehicles all within or in close proximity to its campus, including three multi-level parking structures for the parking of approximately 2,250 motor vehicles under authority of, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Section 3345.11 of the Revised Code, and pursuant to a Resolution of the Board of Trustees of said University duly adopted on the 12th day of June, 1969.

In consideration of the loan evidenced by this note, the University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of this note, of revenue bonds or notes for the refunding of this note, pursuant to Section 3345.11 of the Revised Code of Ohio, or other authorizing provisions of law, in such principal amount as shall be necessary to pay the principal of and interest on this note, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined by law upon the University, its trustees and officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

June 12, 1969 meeting, Board of Trustees

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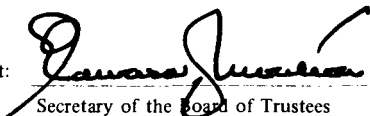
This note is executed on behalf of said Board of Trustees of The Ohio State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions and things necessary to be done precedent to and in the issuance of this note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

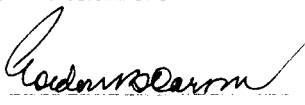
IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this note to be signed on their behalf by the Vice President, Business and Finance, of the University, and to be attested by the Secretary of the Board of Trustees of said University, as of the 27th day of June, 1969.

THE OHIO STATE UNIVERSITY
and
THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

Attest:


Secretary of the Board of Trustees

By


Vice President, Business and
Finance of The Ohio State
University

Receipt of \$ _____ from The Ohio State University this _____ day of
December, 1969, in full satisfaction of the first semi-annual interest payment on the aforesaid note,
is hereby acknowledged.

By _____

June 12, 1969 meeting, Board of Trustees

XII. COMMITTEE APPOINTMENTS FOR 1969-70

Mr. Ketterer announced the appointment of the following-named persons to membership on committees, boards and council as indicated:

Finance and Investment Committee

Frederick E. Jones, Chairman
James W. Shocknessy
William C. Safford
Frederick R. Eckley

Retirement and Insurance Committee

Don M. Hilliker, Chairman
John H. Dunlap
Jack G. Gibbs

Development Fund Board of Directors (One-year term)

Don M. Hilliker
Frederick E. Jones

Research Foundation Board of Directors (Three-year term, July 1, 1967 - June 30, 1970)

John G. Ketterer

Association of Governing Boards of Universities and Colleges

John H. Dunlap

Inter-University Council

James W. Shocknessy

Representative for AAUP Visit

James W. Shocknessy

*

*

*

Thereupon the Board adjourned to meet Thursday, July 10, 1969, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman

APPENDIX IX

Revision of Rule 29.2705 and Addition of a New
Rule 29.2729 to Rules for the University Faculty

as Approved by the Faculty Council
May 13, 1969

Adopted by Board of Trustees June 12, 1969
(See page 655)

Page 698 Blank

Rules for the University Faculty

The Faculty Council on May 13, 1969 approved the revision of Section 1 of Rule 29.2705 of Rules for the University Faculty. The addition to this rule is shown in the underscored section. The Faculty Council also approved a new rule--Rule 29.2729.

29.2705. The Library Council.

The Library Council shall consist of six teaching members of the University Faculty; the Vice President for Educational Services; the Vice President for Research; the Dean of the Graduate School; the Director of Libraries; a representative from the Council of Graduate Students (see Rule 53.0705); and a student appointed by the President of the Undergraduate Student Body with the advice and consent of the student assembly. The President, on recommendation of the Vice President for Educational Services shall appoint the six faculty members for four-year terms, one or more to retire each year and to be ineligible for re-appointment during one year thereafter. The Chairman shall be elected from among the teaching faculty members of the Library Council and he shall report to the Faculty Council.

29.2729. Committee on Academic Freedom and Responsibility.

Section 1. The Committee on Academic Freedom and Responsibility shall consist of five elected members of the Faculty Council. They shall be elected by the Faculty Council for two-year terms.*

Section 2. The Committee shall have the following responsibilities:

- a. To study all conditions which, in the judgment of the Committee, may affect the academic freedom or responsibility of the faculty of the University, and to report at least once a year thereon, with recommendations when appropriate, to the Faculty Council.
- b. To hear and investigate complaints by individual faculty members concerning alleged infringements upon academic freedom or responsibility in the University; to report findings and recommendations to the parties involved with the hope of mediating a dispute; to report to the Faculty Council if further action by the Council is appropriate; and, if necessary, to recommend to the Faculty Council that charges under Rule 21.07 be initiated against the individual alleged to have violated the academic freedom of a member of the faculty or against the individual alleged to have abrogated his responsibilities to the University.

*The Committee recommends that notwithstanding the provision of two-year terms, two members of the first committee, being those receiving the lowest votes, shall serve for only one year.

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